LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.835	502	510	522	rBV	1797513	4342250	12.78%	0.493%
2	6.211	566	574	581	rVV	1551871	3181103	9.36%	0.361%
3	7.868	851	856	865	rVV	2243393	4048827	11.92%	0.460%
4	8.867	1016	1026	1036	rBV2	1327114	3139312	9.24%	0.356%
5	9.031	1046	1054	1066	rVB	2721042	5590071	16.46%	0.635%
6	9.207	1072	1084	1094	rBV3	856422	3683336	10.84%	0.418%
7	9.307	1094	1101	1115	rVV5	1019318	4025874	11.85%	0.457%
8	9.431	1115	1122	1130	rVB4	2176053	4376786	12.88%	0.497%
9	9.601	1141	1151	1157	rVB2	1233241	3220834	9.48%	0.366%
10	9.719	1166	1171	1178	rVV	2500524	5999540	17.66%	0.681%
11	9.795	1178	1184	1192	rVB	6365379	11769994	34.65%	1.336%
12	10.236	1253	1259	1263	rBV3	2149376	4652348	13.70%	0.528%
13	10.471	1288	1299	1303	rBV4	2465473	8342860	24.56%	0.947%
14	10.524	1303	1308	1311	rVV	3638632	7946459	23.39%	0.902%
15	10.559	1311	1314	1321	rVV5	3099391	6295638	18.53%	0.715%
16	10.700	1331	1338	1349	rBV4	2794468	6599699	19.43%	0.749%
17	10.900	1361	1372	1377	rBV4	2231948	5490350	16.16%	0.623%
18	10.988	1377	1387	1391	rVV3	1940323	4787334	14.09%	0.543%
19	11.035	1391	1395	1405	rVV3	1323495	4064401	11.96%	0.461%
20	11.129	1405	1411	1420	rVV	5711174	11773474	34.66%	1.336%
21	11.223	1420	1427	1436	rVV3	2796245	7667290	22.57%	0.870%
22	11.311	1436	1442	1457	rVB4	4963401	18779549	55.28%	2.132%
23	11.440	1457	1464	1468	rBV2	6705340	15204750	44.76%	1.726%
24	11.493	1468	1473	1479	rVV	11944340	24250356	71.39%	2.753%
25	11.552	1479	1483	1488	rVB	4374573	6682609	19.67%	0.759%
26	11.616	1488	1494	1497	rBV	2520470	4317306	12.71%	0.490%
27	11.693	1504	1507	1524	rVB6	1713083	5659459	16.66%	0.642%
28	11.828	1524	1530	1535	rBV	1702036	3160997	9.30%	0.359%
29	11.928	1535	1547	1552	rBV2	11134795	28772981	84.70%	3.266%
30	12.081	1567	1573	1575	rBV3	2807515	5230857	15.40%	0.594%
31	12.157	1581	1586	1591	rVB2	3229620	6034021	17.76%	0.685%
32	12.210	1591	1595	1598	rBV2	2109039	3521244	10.37%	0.400%
33	12.274	1601	1606	1611	rVB2	4799753	8539604	25.14%	0.969%
34	12.380	1618	1624	1628	rBV2	2009562	3883596	11.43%	0.441%

LSC Area Percent Report

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Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	12.433	1628	1633	1637	rVV2	4039762	6446548	18.98%	0.732%
36	12.474	1637	1640	1645	rVB	3233961	4822949	14.20%	0.547%
37	12.627	1656	1666	1671	rVB5	3768960	12255792	36.08%	1.391%
38	12.739	1672	1685	1689	rBV	14655909	33971068	100.00%	3.856%
39	12.774	1689	1691	1694	rVB3	3486902	3866337	11.38%	0.439%
40	12.809	1695	1697	1701	rVV2	3864238	6316000	18.59%	0.717%
41	12.862	1701	1706	1709	rVV	7581365	14912727	43.90%	1.693%
42	12.897	1709	1712	1716	rVB2	6122143	7804745	22.97%	0.886%
43	12.956	1716	1722	1727	rVB2	9999879	19620953	57.76%	2.227%
44	13.032	1727	1735	1741	rBV3	5658587	12117594	35.67%	1.376%
45	13.097	1741	1746	1764	rVB6	7220416	20586588	60.60%	2.337%
46	13.250	1764	1772	1775	rBV6	3101030	6699350	19.72%	0.760%
47	13.291	1775	1779	1788	rVB5	4669042	10107716	29.75%	1.147%
48	13.367	1788	1792	1797	rBV4	3655822	7413897	21.82%	0.842%
49	13.473	1805	1810	1819	rVB6	2293042	5572659	16.40%	0.633%
50	13.561	1819	1825	1829	rBV2	5992799	10683735	31.45%	1.213%
51	13.602	1829	1832	1836	rVV	5605141	8570961	25.23%	0.973%
52	13.655	1836	1841	1846	rVV4	6087720	11862510	34.92%	1.347%
53	13.714	1846	1851	1855	rVB2	3316914	5797988	17.07%	0.658%
54	13.826	1863	1870	1873	rBV2	2280198	4967096	14.62%	0.564%
55	13.914	1880	1885	1893	rVB4	4137830	10740392	31.62%	1.219%
56	13.978	1893	1896	1900	rVB2	2265690	3123634	9.19%	0.355%
57	14.066	1900	1911	1920	rBV6	7913332	26909551	79.21%	3.055%
58	14.207	1924	1935	1939	rBV2	8138456	18026936	53.07%	2.046%
59	14.266	1939	1945	1958	rVB4	12709497	26895764	79.17%	3.053%
60	14.372	1958	1963	1966	rBV5	1813406	3322370	9.78%	0.377%
61	14.437	1970	1974	1978	rBV2	2383865	3030838	8.92%	0.344%
62	14.513	1983	1987	1990	rVB2	3557634	4790248	14.10%	0.544%
63	14.601	1990	2002	2006	rBV7	4059789	13317393	39.20%	1.512%
64	14.642	2006	2009	2014	rVB4	4200338	6116158	18.00%	0.694%
65	14.719	2018	2022	2027	rVB	7675563	10236912	30.13%	1.162%
66	14.836	2036	2042	2047	rBV2	7234751	12322492	36.27%	1.399%
67	14.912	2047	2055	2059	rVV5	5317873	11034580	32.48%	1.253%
68	14.954	2059	2062	2067	rVB5	2104469	3329471	9.80%	0.378%
69	15.095	2077	2086	2091	rBV5	3917802	8307028	24.45%	0.943%
70	15.171	2094	2099	2103	rVB4	2716775	4510234	13.28%	0.512%
71	15.265	2109	2115	2125	rBV7	4324312	9297831	27.37%	1.055%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	15.482	2146	2152	2156	rBV4	2699202	5382615	15.84%	0.611%
73	15.529	2156	2160	2168	rVB5	5054029	9166412	26.98%	1.041%
74	15.600	2168	2172	2175	rBV2	5088009	6999093	20.60%	0.795%
75	15.665	2175	2183	2187	rVB2	9777004	20014119	58.92%	2.272%
76	15.817	2204	2209	2213	rVV6	1840189	3349453	9.86%	0.380%
77	15.870	2213	2218	2220	rVV3	1968226	3406371	10.03%	0.387%
78	15.911	2220	2225	2235	rVV3	6300127	14081386	41.45%	1.598%
79	16.346	2289	2299	2304	rBV3	1501436	4035167	11.88%	0.458%
80	16.464	2312	2319	2324	rVB4	6748807	11729151	34.53%	1.331%
81	16.522	2324	2329	2333	rBV	13125755	19458514	57.28%	2.209%
82	16.740	2357	2366	2374	rVB3	5310836	9743958	28.68%	1.106%
83	16.822	2374	2380	2388	rVB2	5138231	7907238	23.28%	0.898%
84	16.898	2388	2393	2400	rBV5	1611016	4278612	12.59%	0.486%
85	16.969	2400	2405	2410	rBV5	2133853	3526215	10.38%	0.400%
86	17.257	2447	2454	2458	rBV2	4634215	7739892	22.78%	0.879%
87	17.310	2458	2463	2473	rVB2	11257143	18349702	54.02%	2.083%
88	17.451	2482	2487	2492	rVB	1981015	2987312	8.79%	0.339%
89	17.997	2576	2580	2584	rVV	3298755	4806219	14.15%	0.546%
90	18.044	2584	2588	2601	rVB	9938089	15374249	45.26%	1.745%
91	18.455	2652	2658	2666	rBV2	2360787	4206758	12.38%	0.478%
92	18.690	2688	2698	2700	rVV2	4232516	6617393	19.48%	0.751%
93	18.726	2700	2704	2722	rVB	7839107	12027811	35.41%	1.365%
94	19.313	2797	2804	2806	rBV	2373871	3195964	9.41%	0.363%
95	19.348	2806	2810	2822	rVB	5910023	8448412	24.87%	0.959%
96	19.889	2898	2902	2904	rBV	3373075	3975161	11.70%	0.451%
97	19.918	2904	2907	2913	rVB	4914956	6175356	18.18%	0.701%
98	19.983	2913	2918	2930	rVB2	2179994	4273115	12.58%	0.485%
99	20.441	2984	2996	3011	rVB2	4112595	8276281	24.36%	0.940%
100	20.917	3072	3077	3091	rVB2	2855046	6644783	19.56%	0.754%

Sum of corrected areas: 880920866

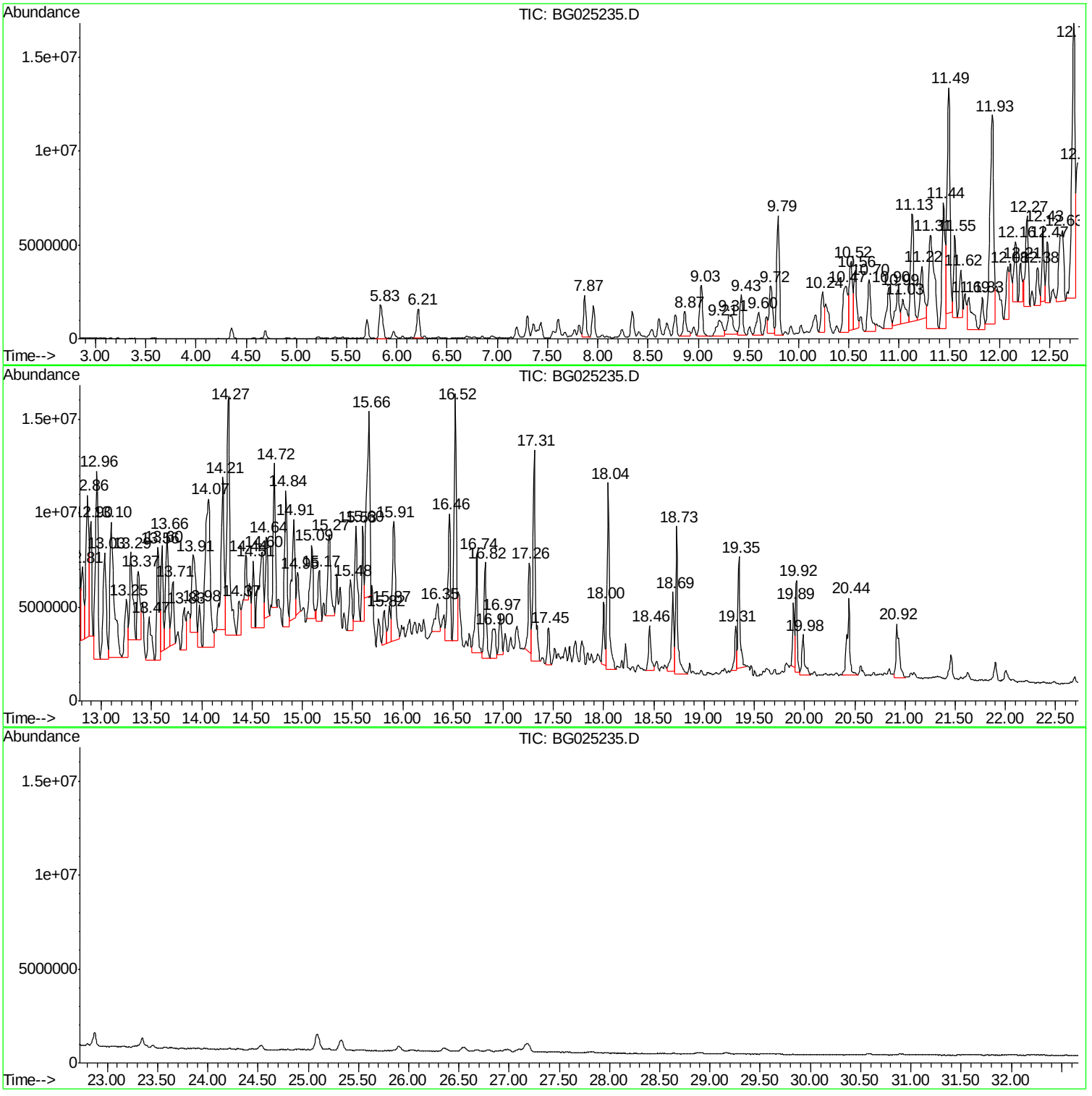
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
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Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

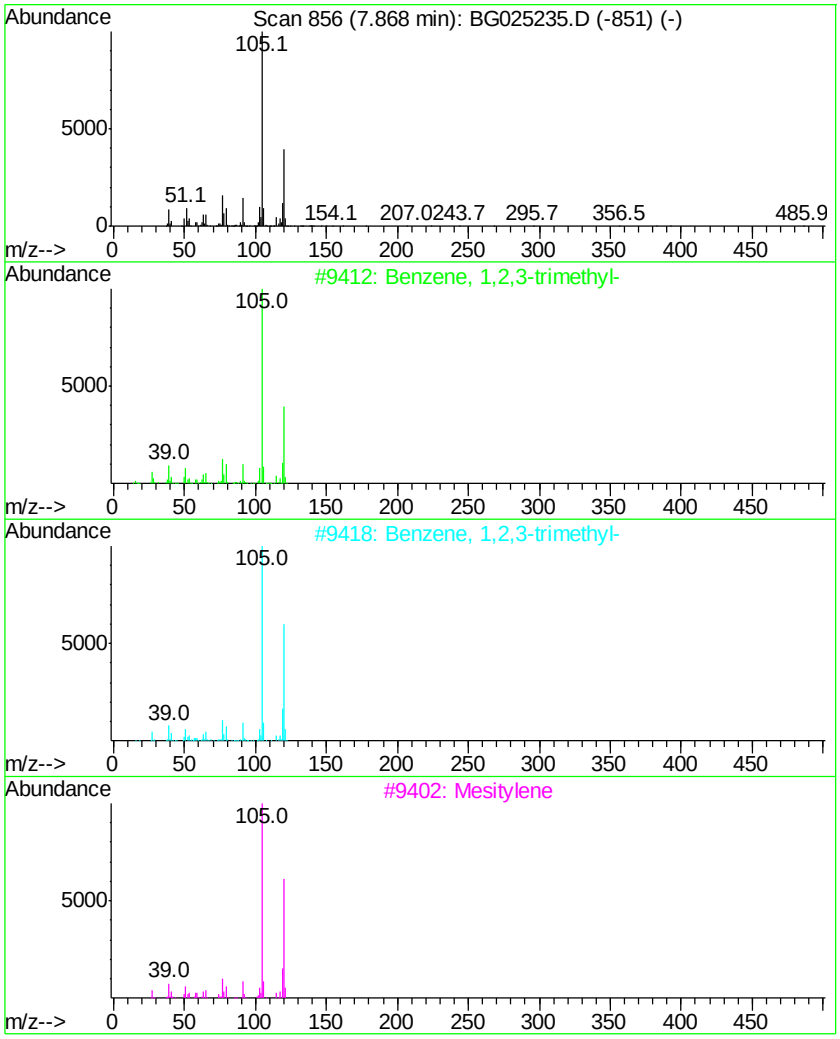
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

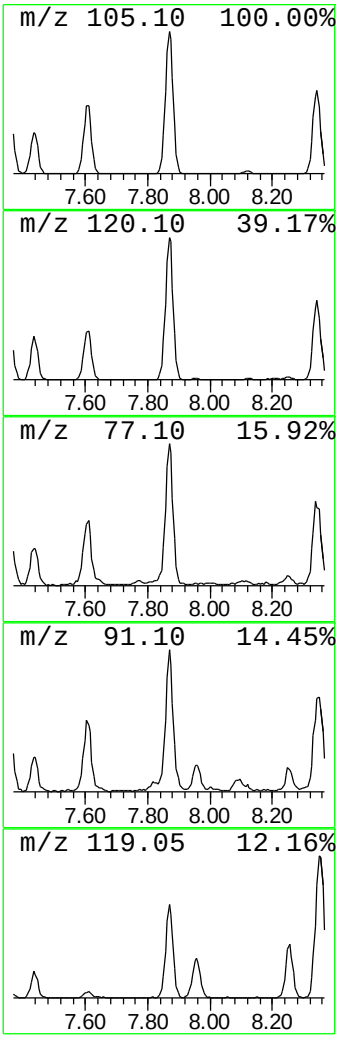
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	4048830	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

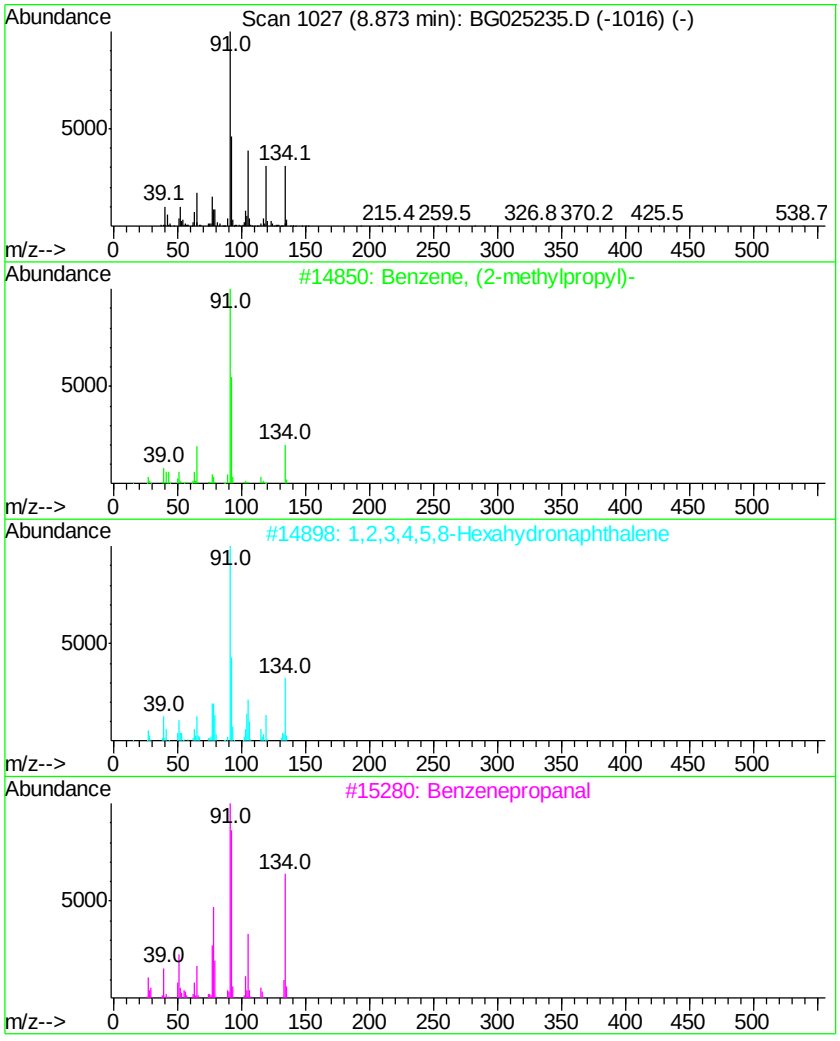
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

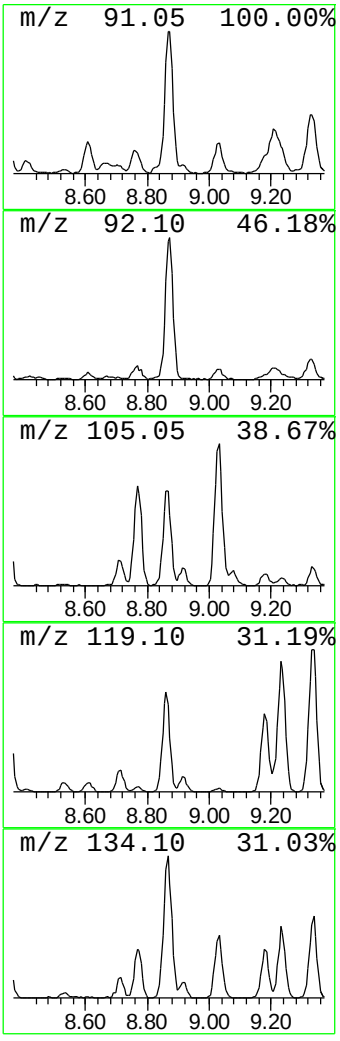
****

Peak Number 4 Benzene, (2-methylpropyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	15.51 ng/ul	3139310	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	60
2	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	59
3	Benzenepropanal	134	C9H10O	000104-53-0	52
4	Benzenepropanal	134	C9H10O	000104-53-0	52
5	Benzene, butyl-	134	C10H14	000104-51-8	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

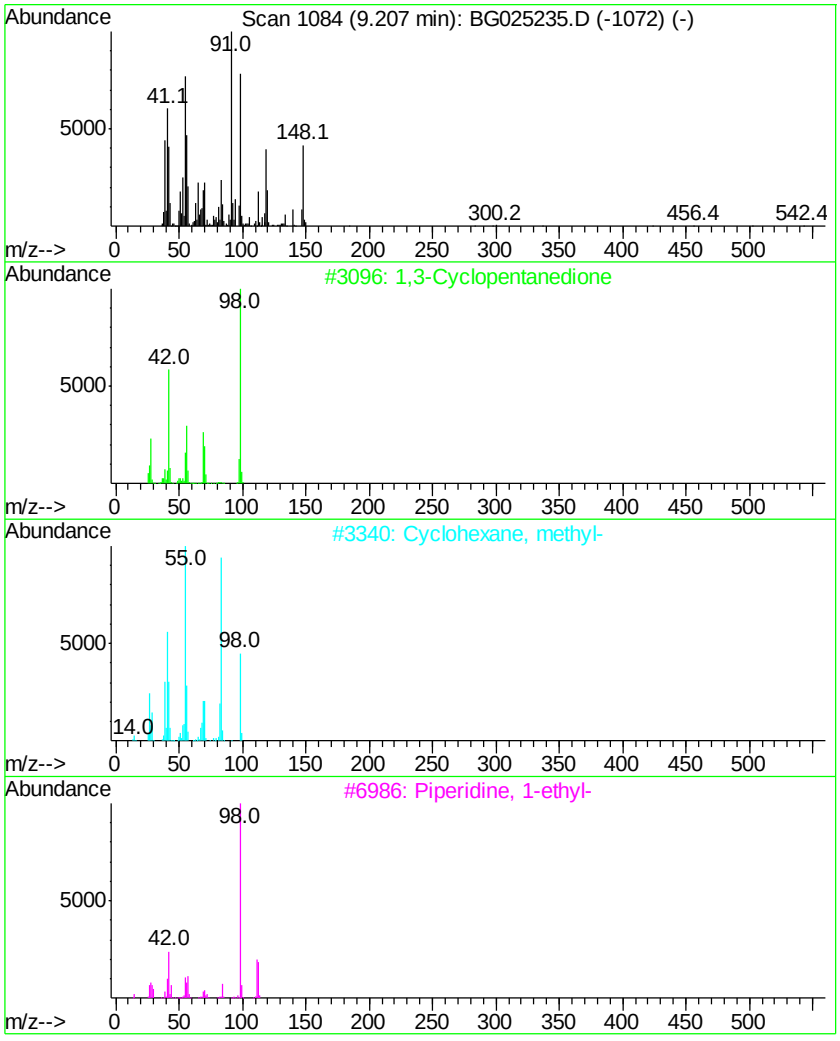
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

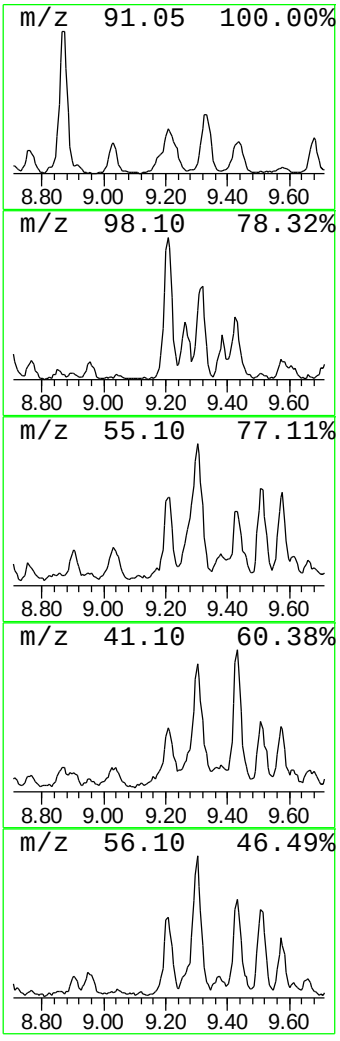
****

Peak Number 5 unknown-01 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	18.19 ng/ul	3683340	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	49
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	38
3	Piperidine, 1-ethyl-	113	C7H15N	000766-09-6	35
4	Piperidine, 1-ethyl-	113	C7H15N	000766-09-6	35
5	Benzamide, 3-methyl-N-[2-(1-pipe...	246	C15H22N2O	339241-69-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

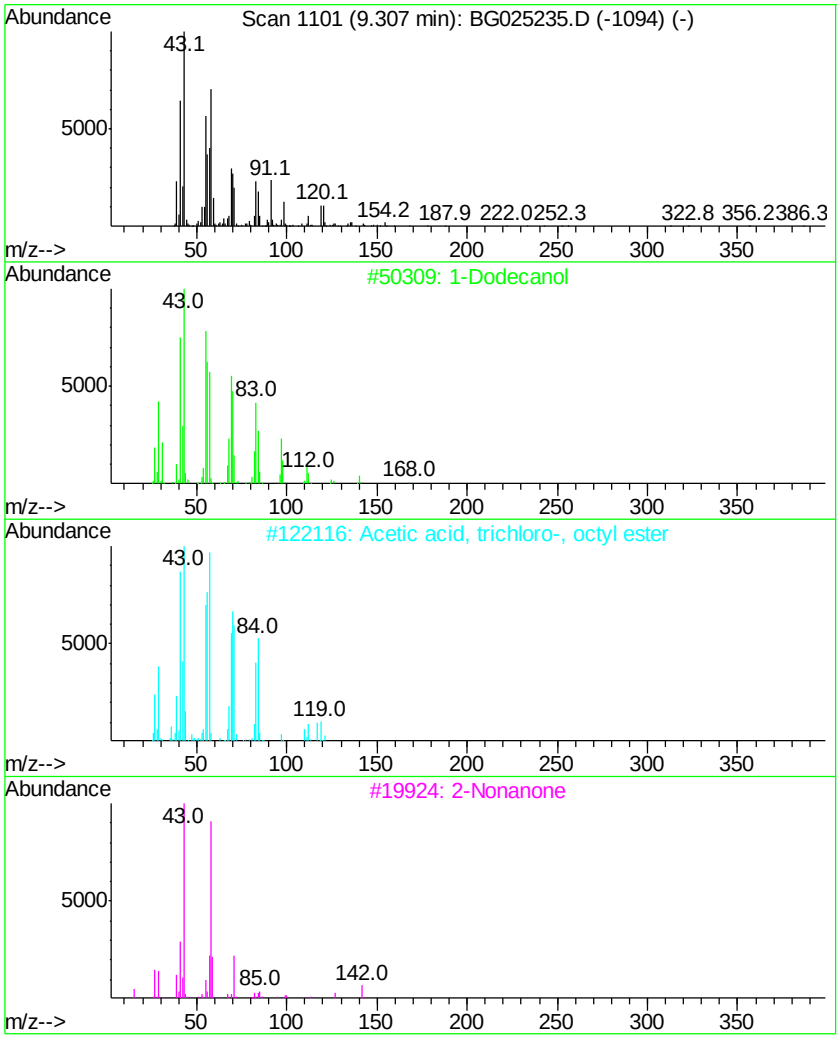
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

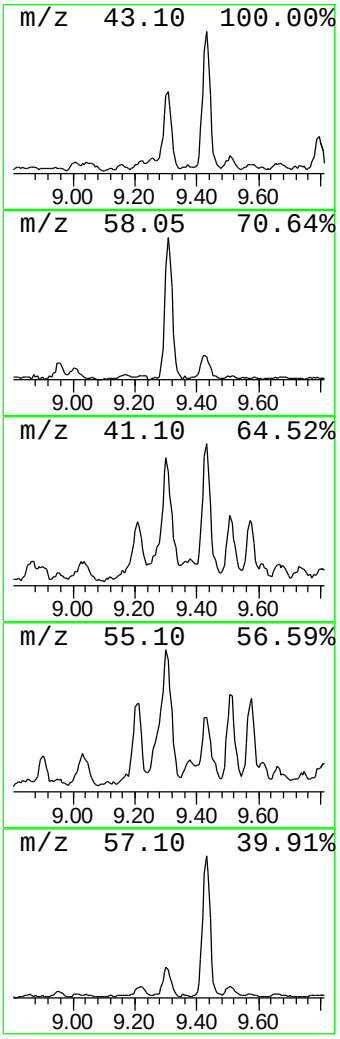
****

Peak Number 6 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	19.89 ng/ul	4025870	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	35
2	Acetic acid, trichloro-, octyl e...	274	C10H17Cl3O2	016958-78-4	35
3	2-Nonanone	142	C9H18O	000821-55-6	25
4	2-Nonanone	142	C9H18O	000821-55-6	22
5	1-Methylcyclopropanemethanol	86	C5H10O	002746-14-7	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

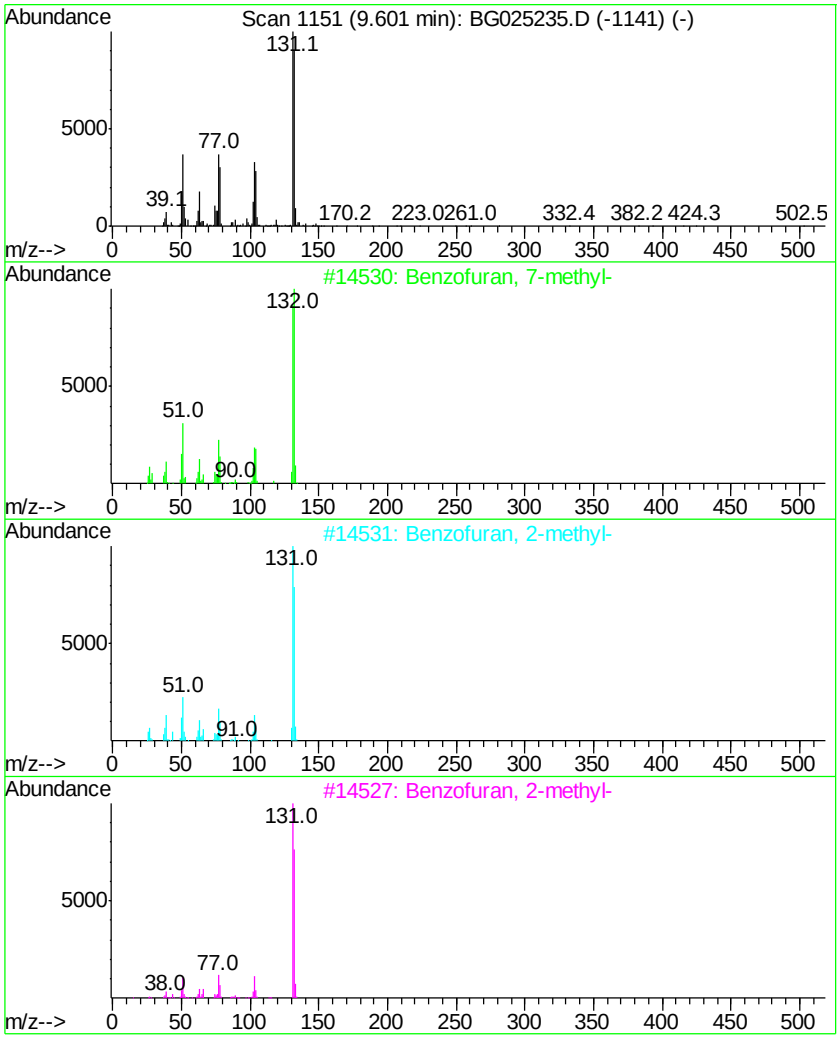
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

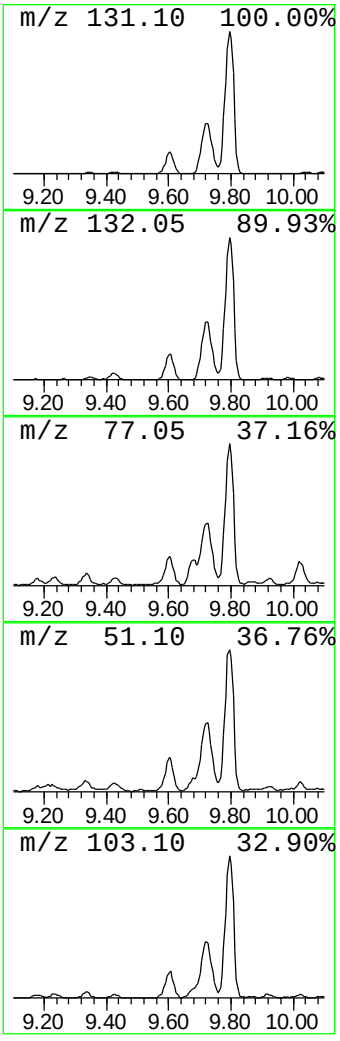
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	15.91 ng/ul	3220830	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

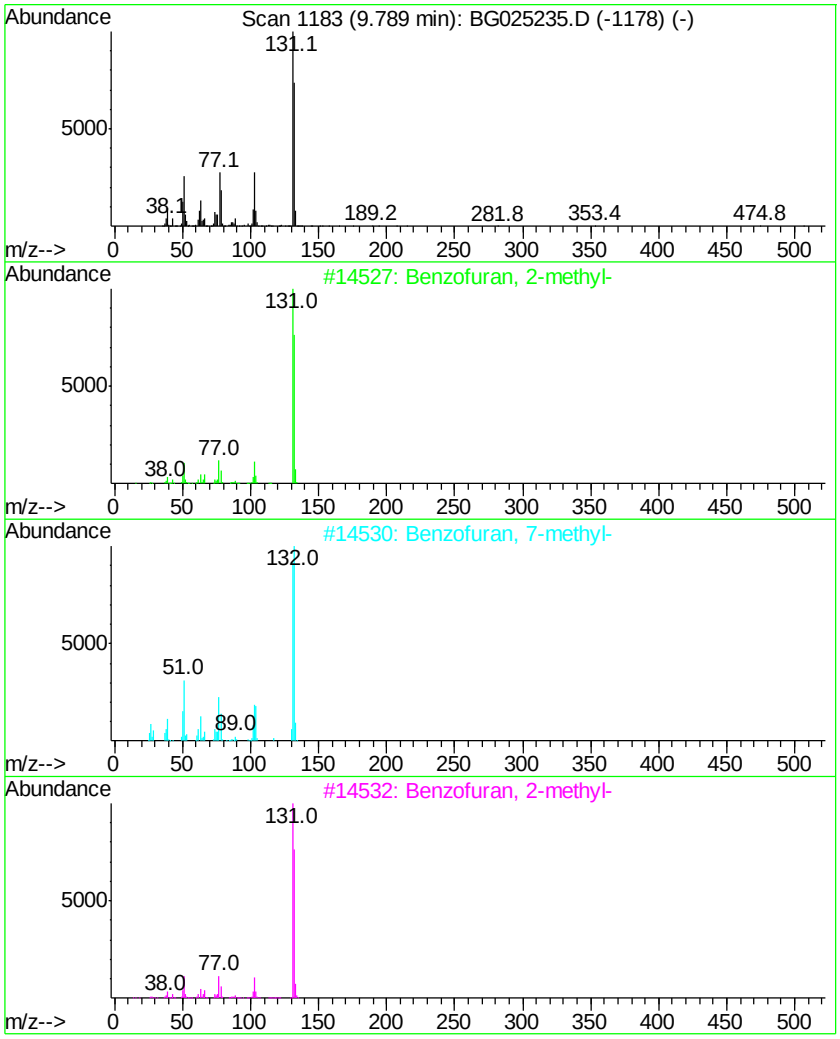
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

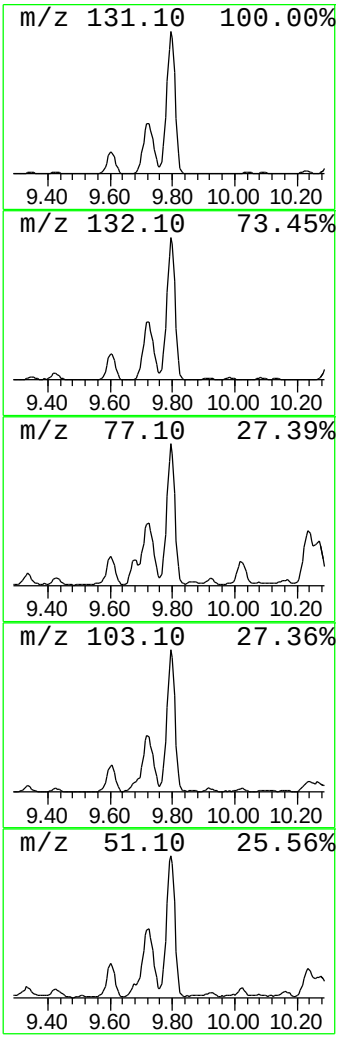
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	57.92 ng/ul	11770000	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Library Search Compound Report

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Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

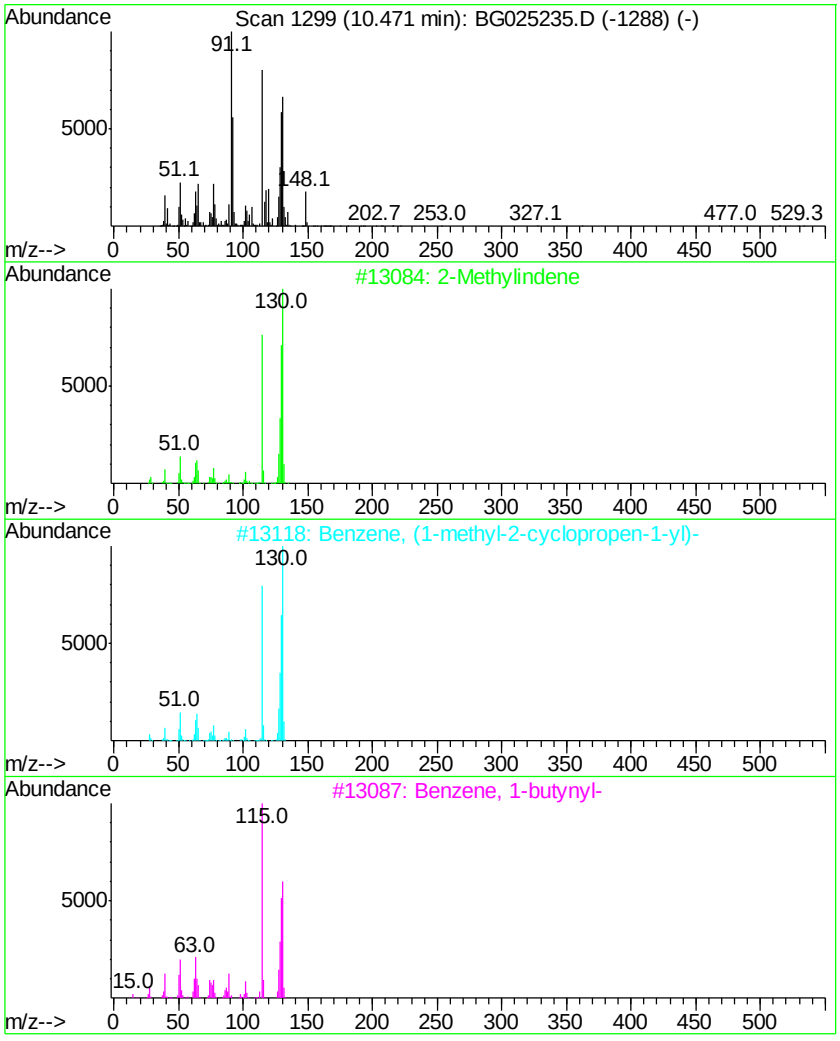
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

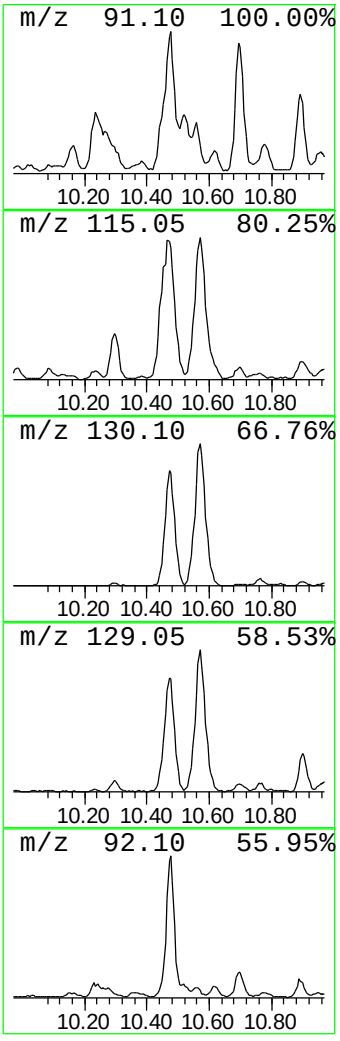
****

Peak Number 10 2-Methylindene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	41.05 ng/ul	8342860	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	83
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	83
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	78
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	64
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	60





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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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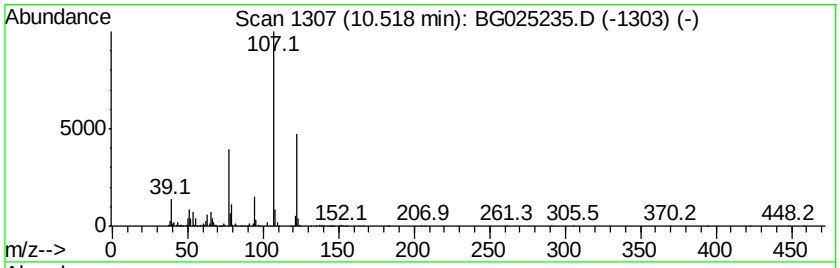
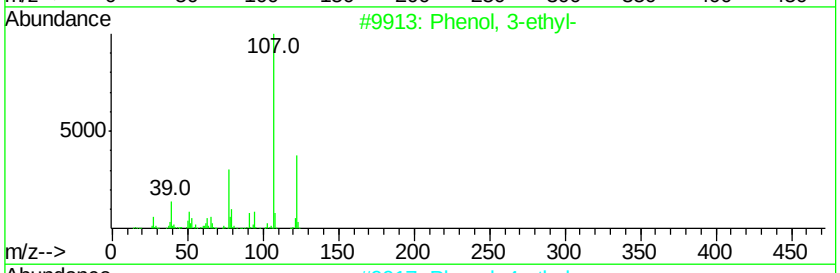
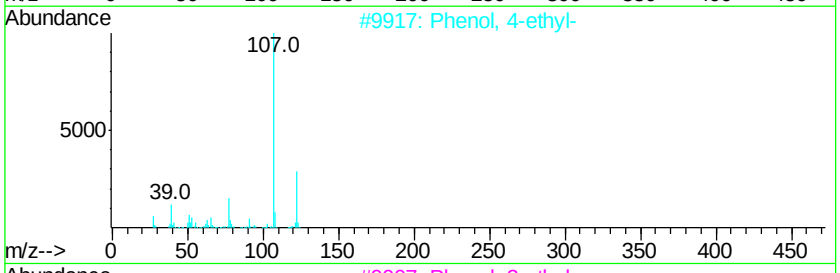
Peak Number 11 Phenol, 3-ethyl- Concentration Rank 22

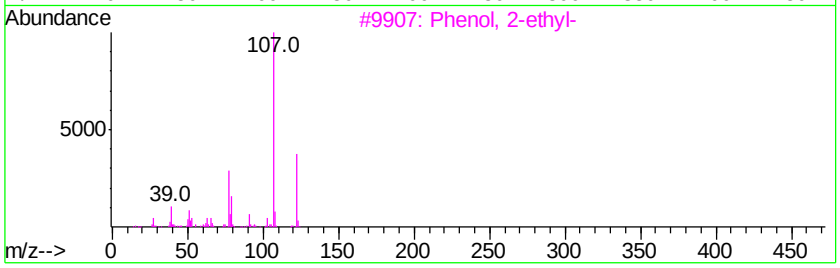
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	39.10 ng/ul	7946460	Naphthalene-d8	11.08

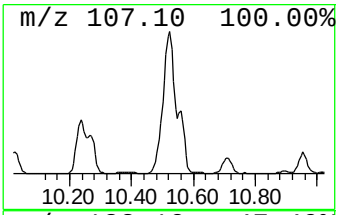
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	80
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80

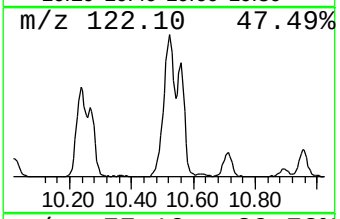


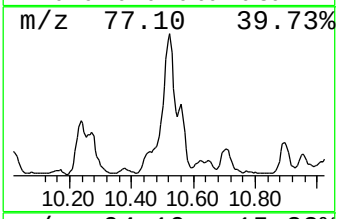


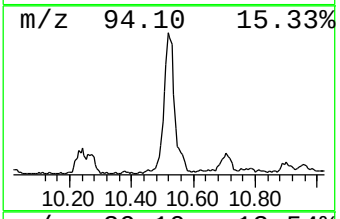


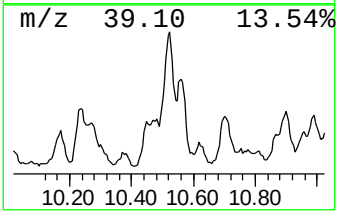












Library Search Compound Report

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Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

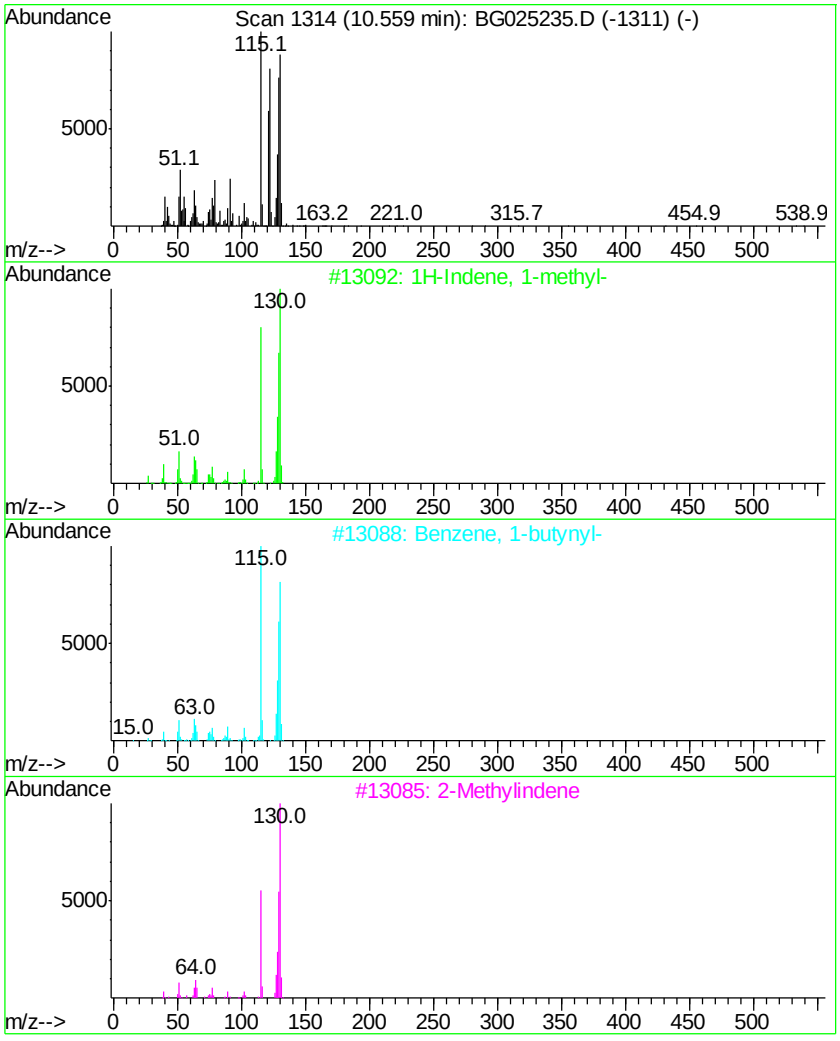
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

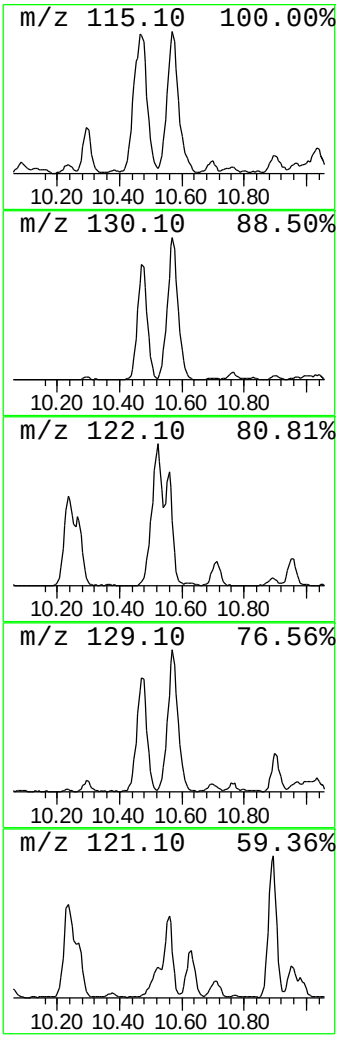
****

Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	30.98 ng/ul	6295640	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	92
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	92
3	2-Methylindene	130	C10H10	002177-47-1	90
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	86
5	2-Methylindene	130	C10H10	002177-47-1	86





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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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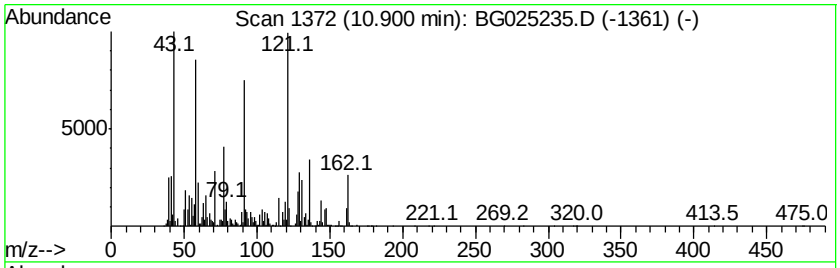
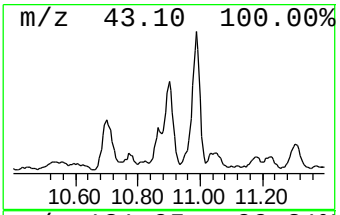
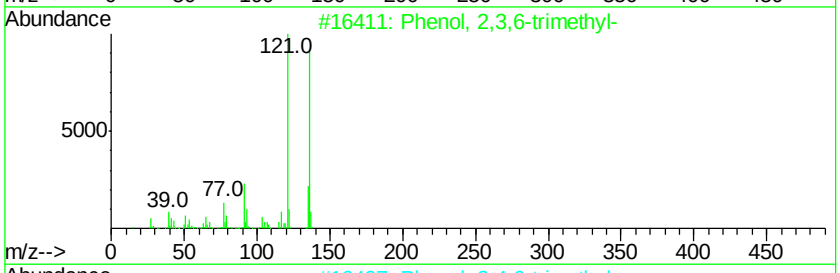
Peak Number 13 unknown-03 Concentration Rank 37

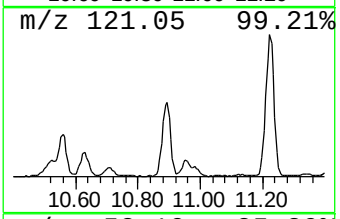
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	27.02 ng/ul	5490350	Naphthalene-d8	11.08

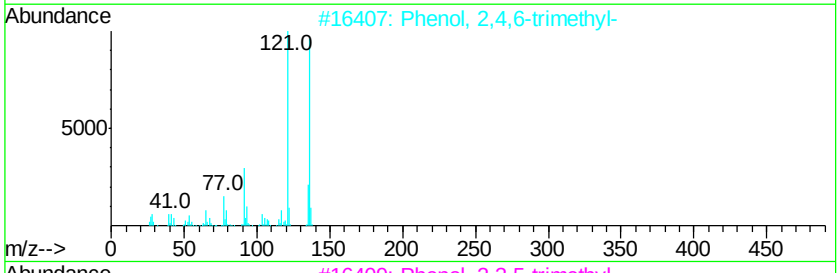
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	42
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	42
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	38
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	38
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	38

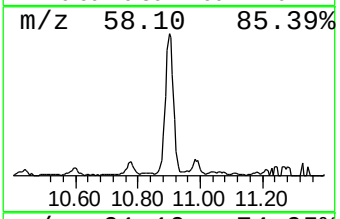


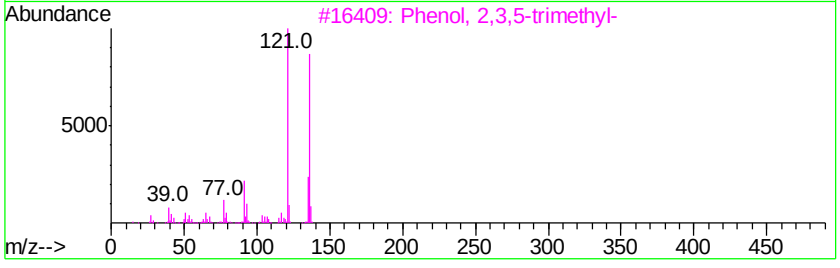


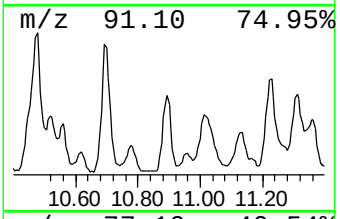


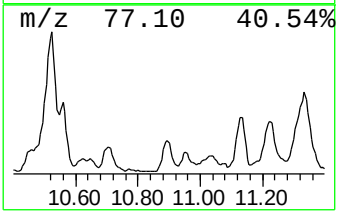












Library Search Compound Report

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Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

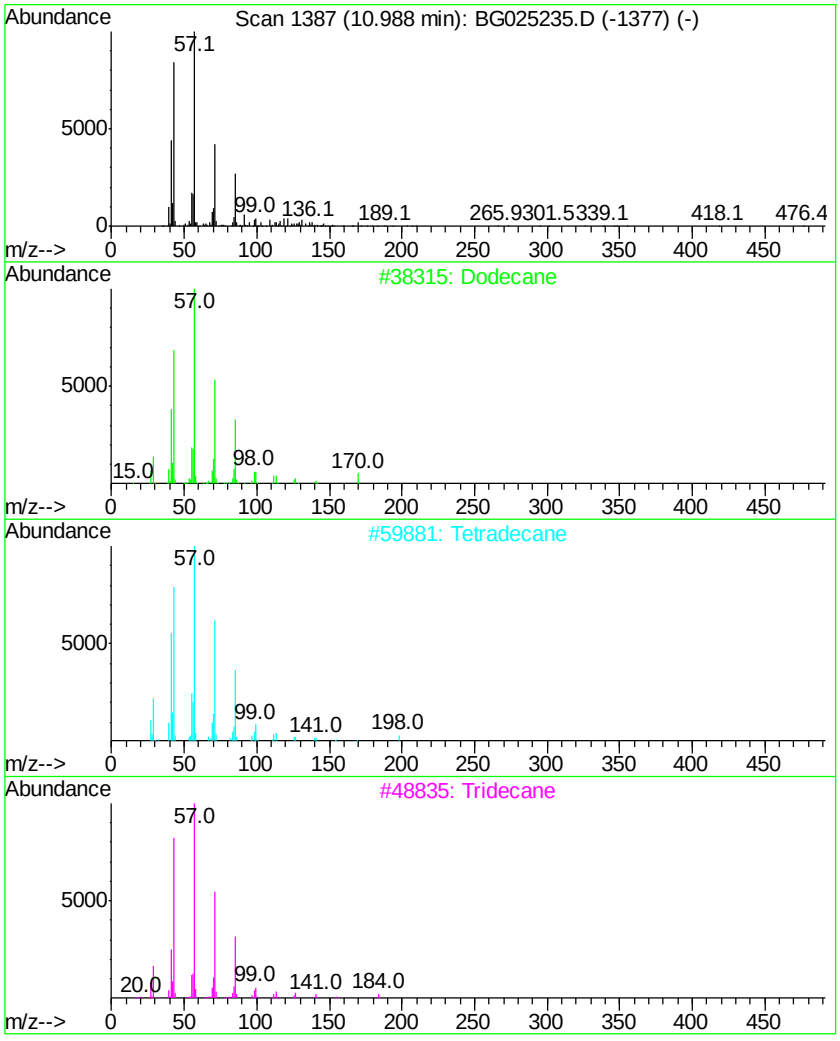
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

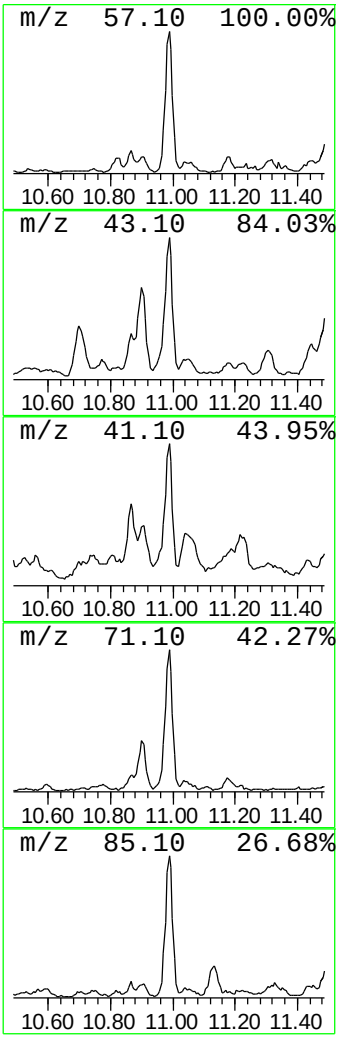
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	23.56 ng/ul	4787330	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane	170	C12H26	000112-40-3	62





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Misc :
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Instrument : BNA_G
ClientSampleId : DA825

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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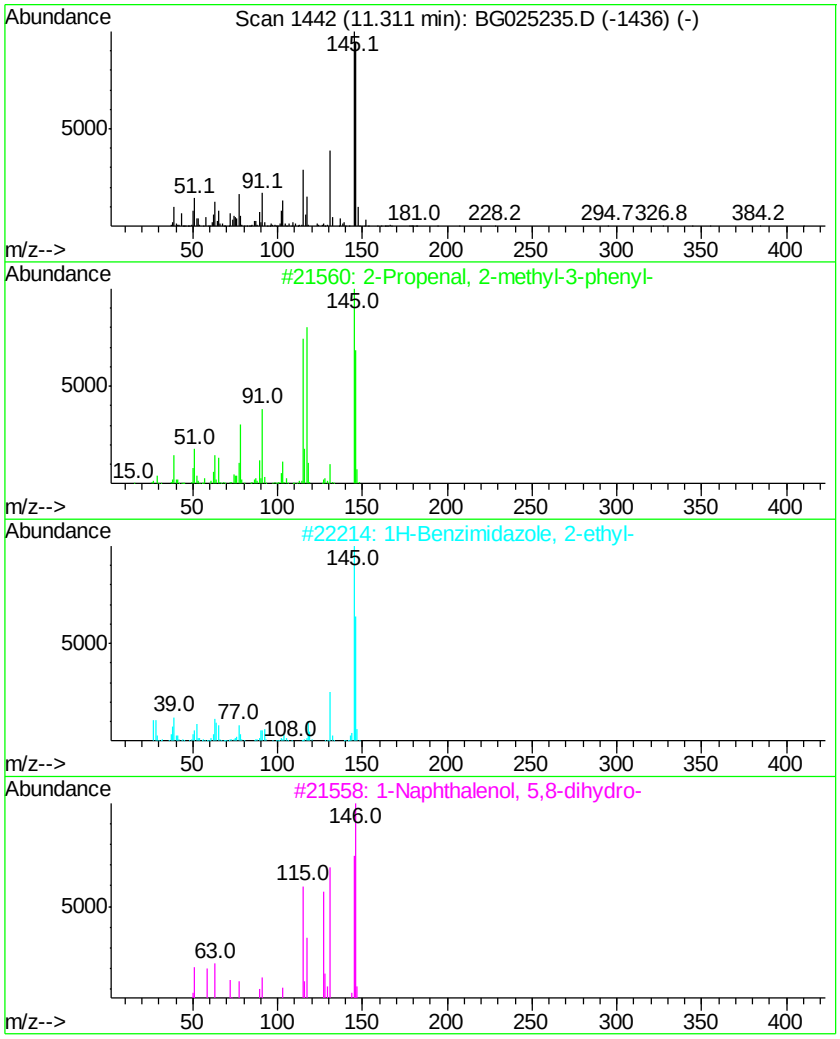
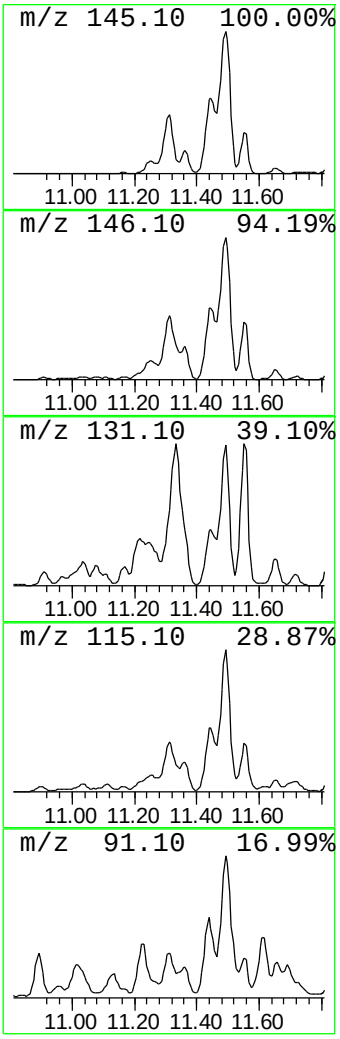
Peak Number 15 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	92.41 ng/ul	18779500	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
3	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	52
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	50





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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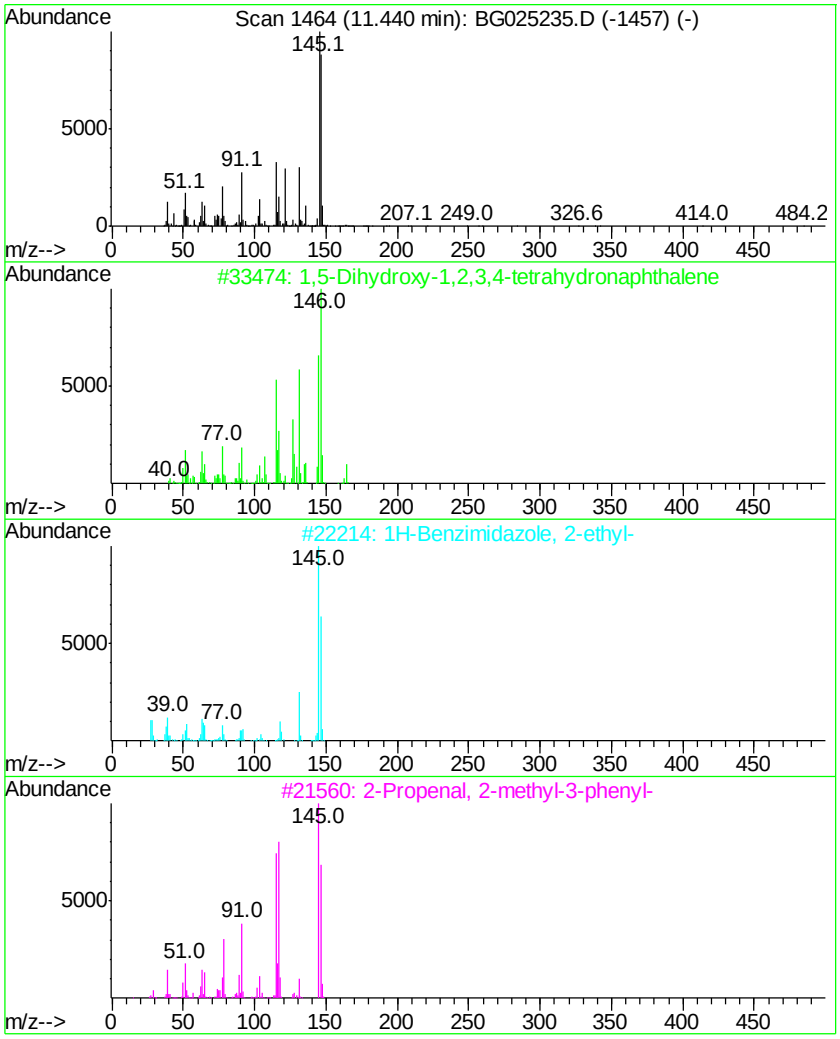
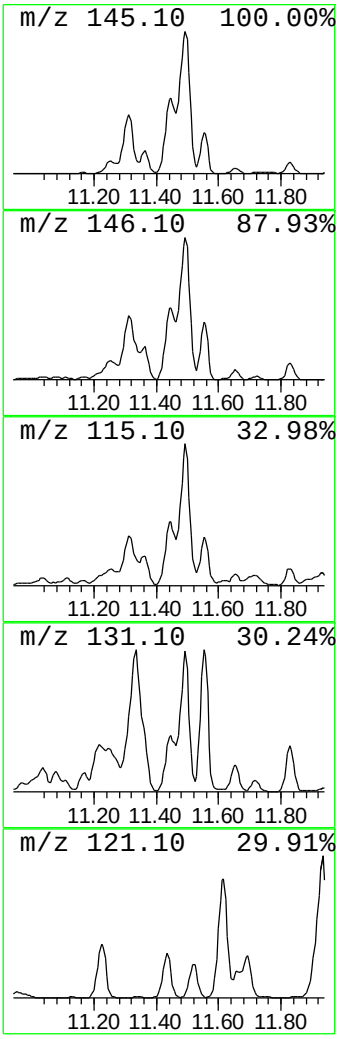
Peak Number 16 1,5-Dihydroxy-1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	74.82 ng/ul	15204800	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	58
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

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Quant Title : SVOA CALIBRATION

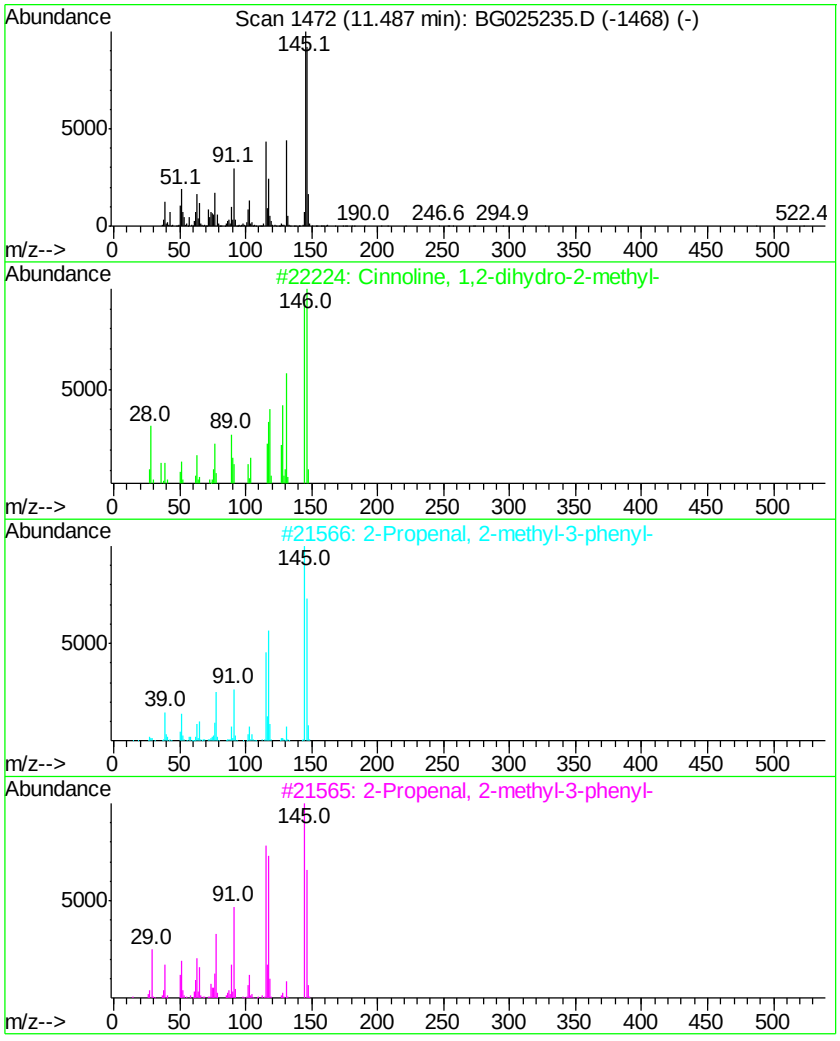
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

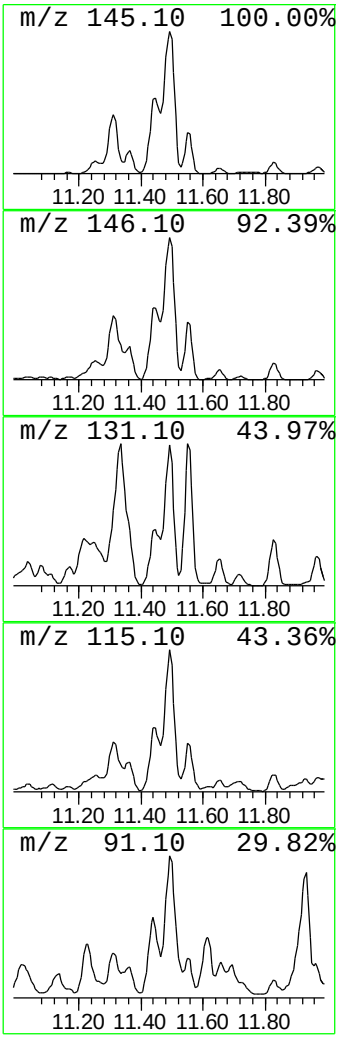
****

Peak Number 17 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	119.33 ng/ul	24250400	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	81
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	68
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	68
4	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	64
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

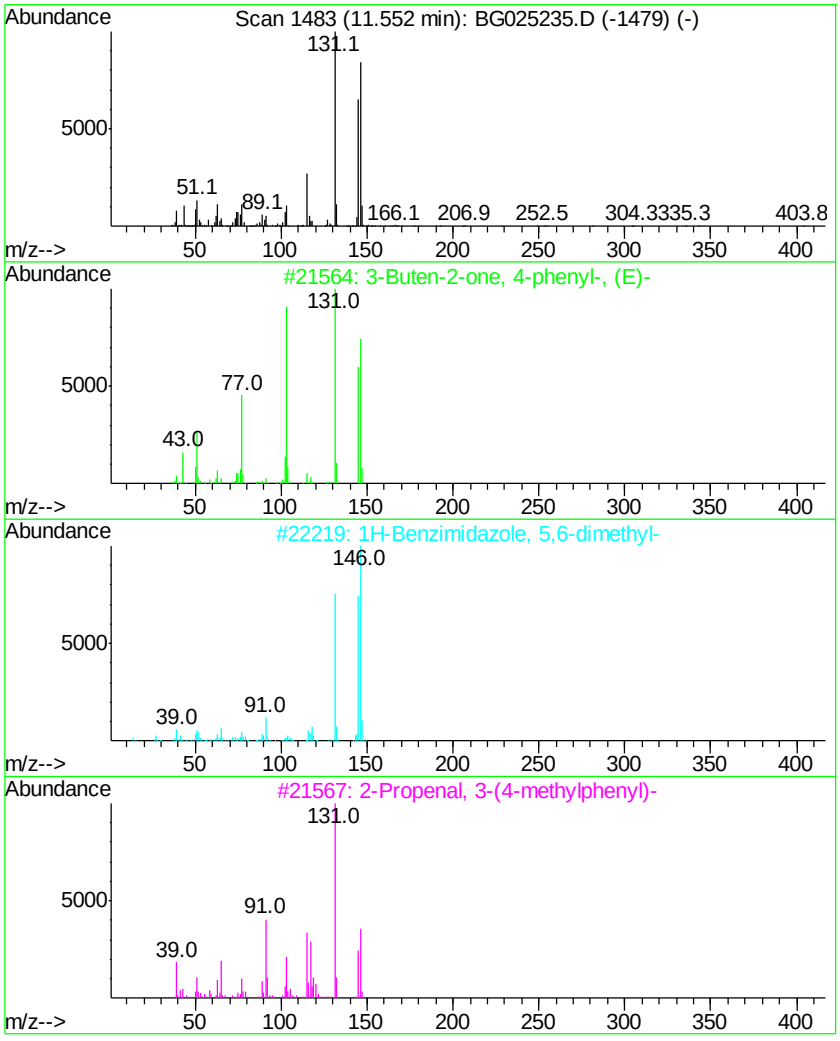
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

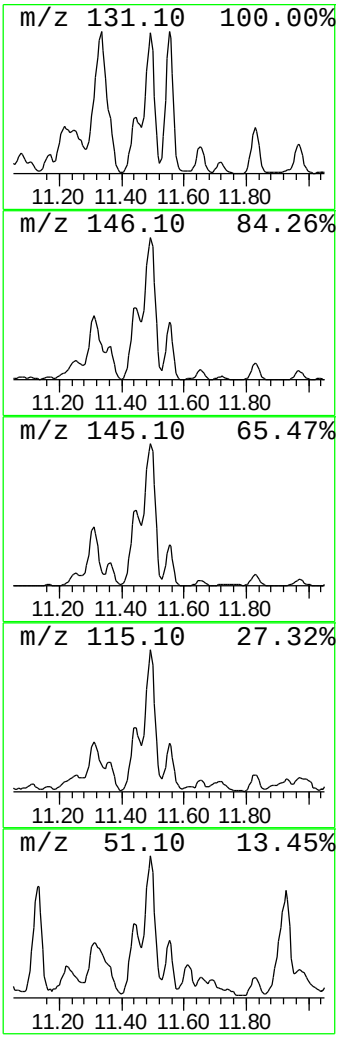
****

Peak Number 18 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	32.88 ng/ul	6682610	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	83
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	80
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	74
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

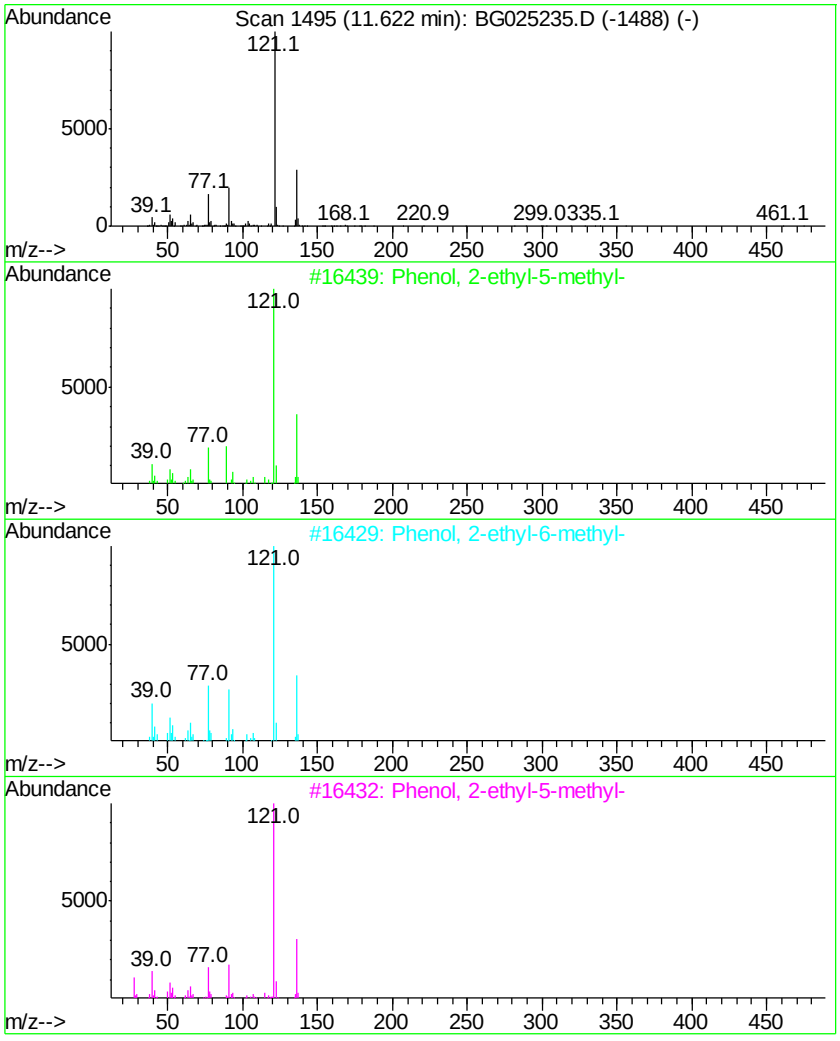
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

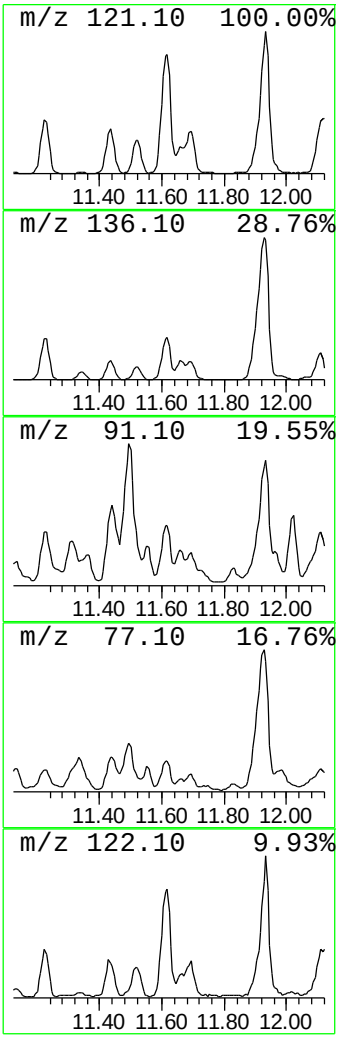
****

Peak Number 19 Phenol, 2-ethyl-5-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	21.24 ng/ul	4317310	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

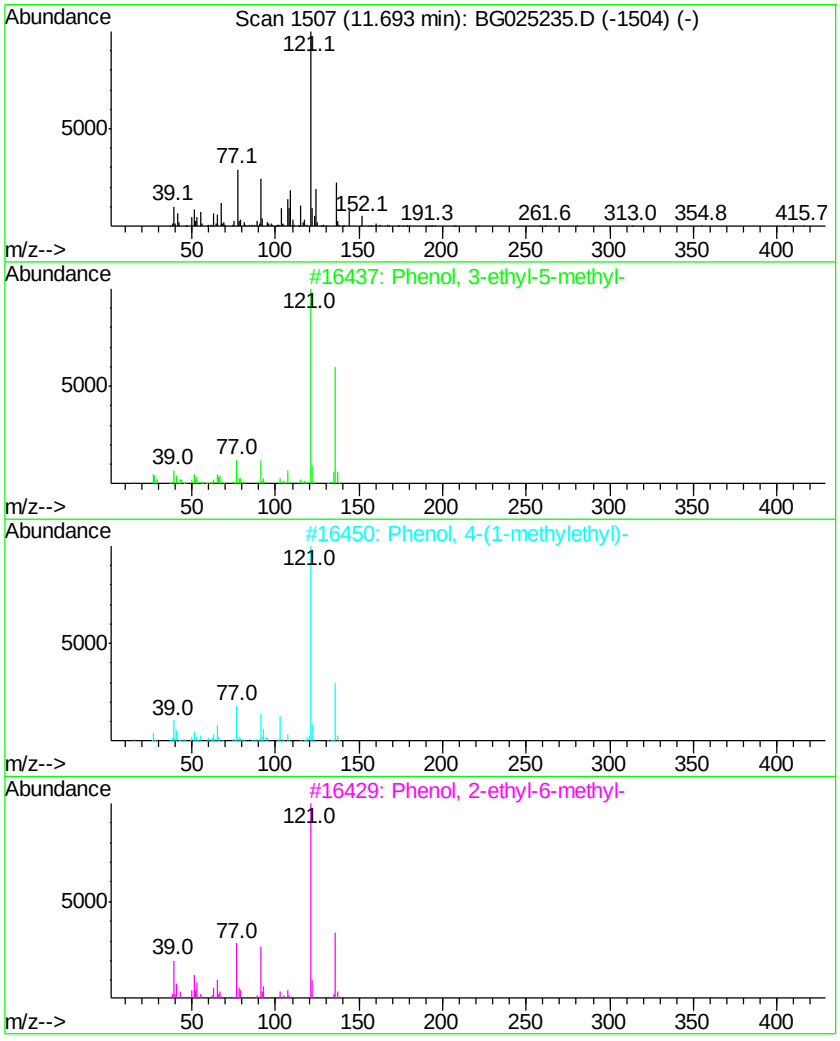
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

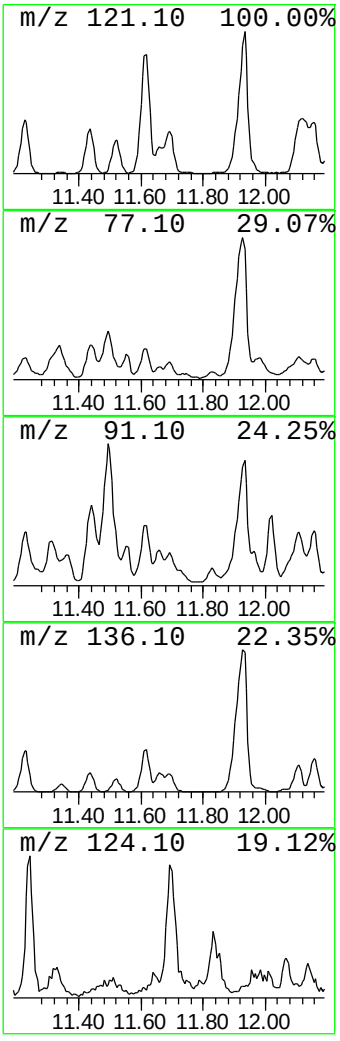
****

Peak Number 20 Phenol, 3-ethyl-5-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	27.85 ng/ul	5659460	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	58
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	58
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
5	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	58





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

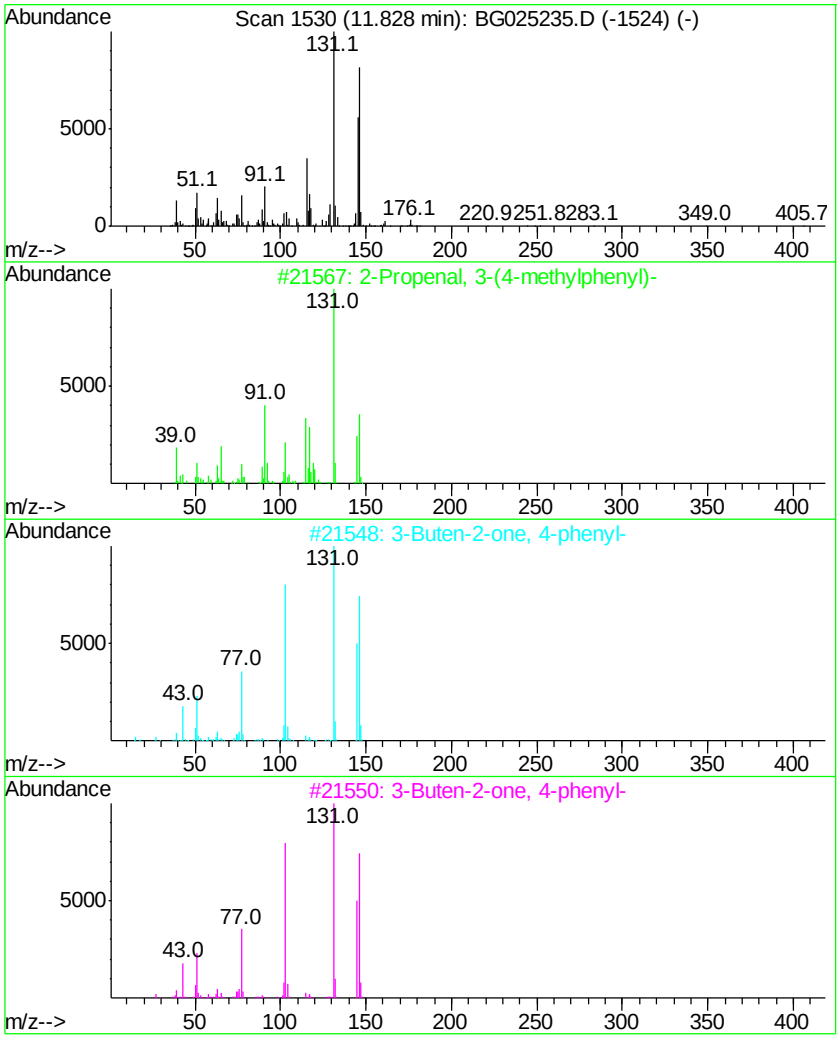
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

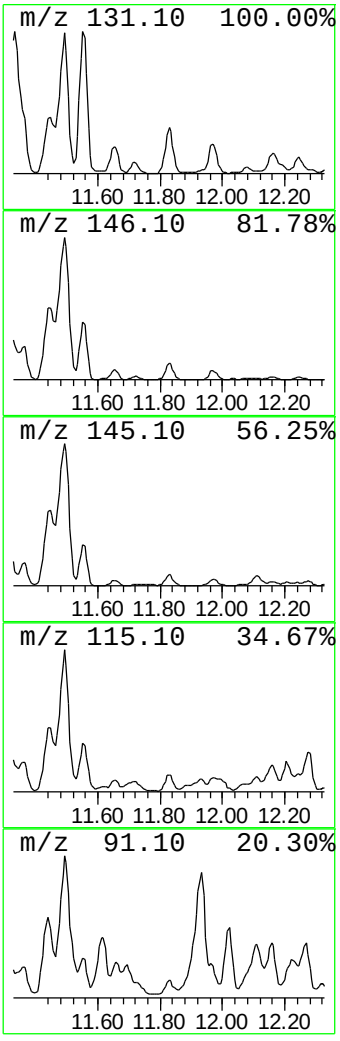
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Propenal, 3-(4-methylphen... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	15.55 ng/ul	3161000	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	80
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	74
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72





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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

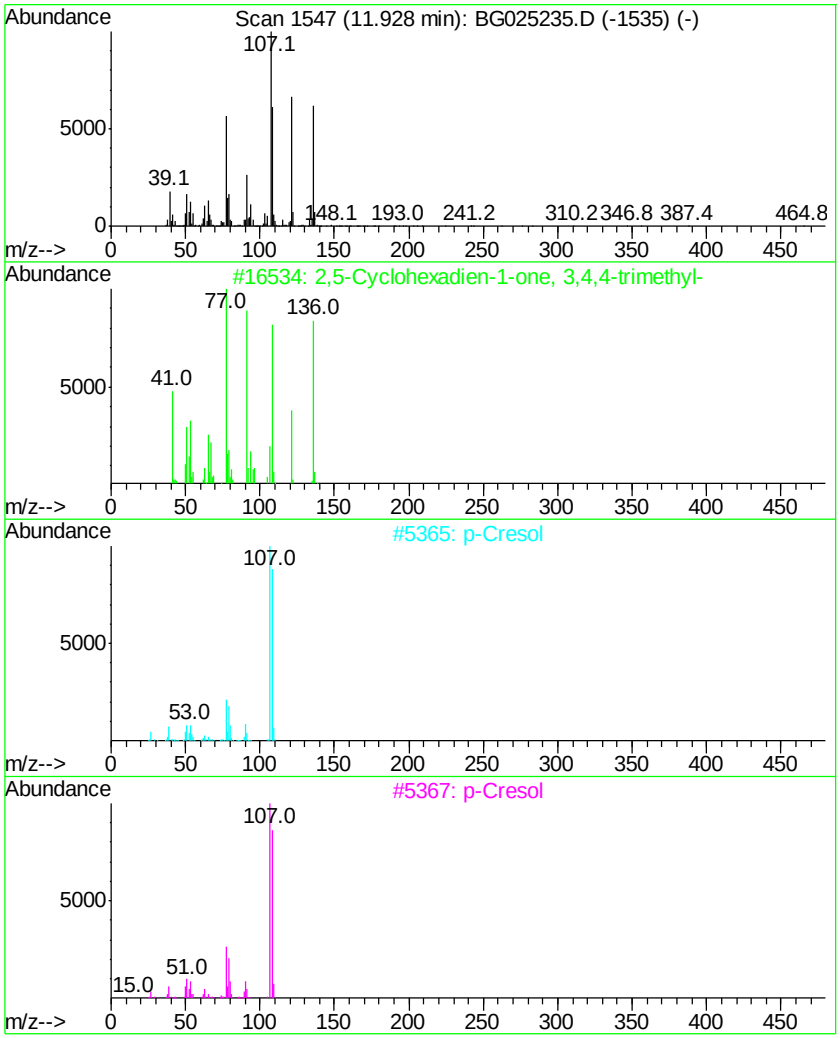
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

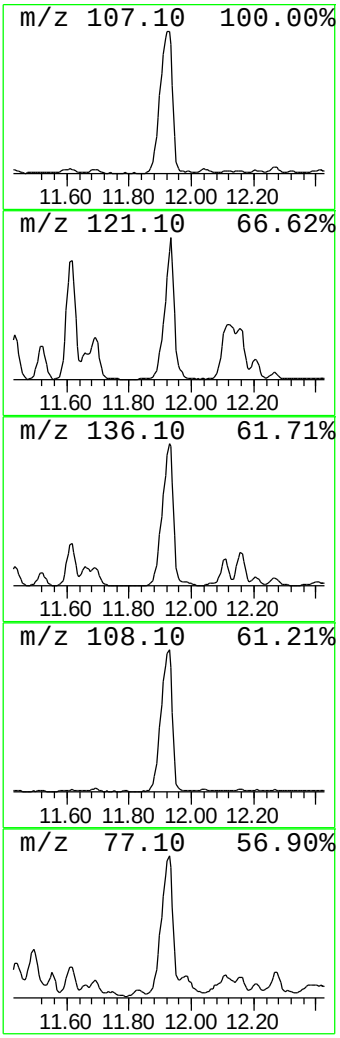
****

Peak Number 22 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	141.59 ng/ul	28773000	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 3,4,4-t...	136	C9H12O	017429-31-1	49
2	p-Cresol	108	C7H8O	000106-44-5	49
3	p-Cresol	108	C7H8O	000106-44-5	46
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	46





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Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

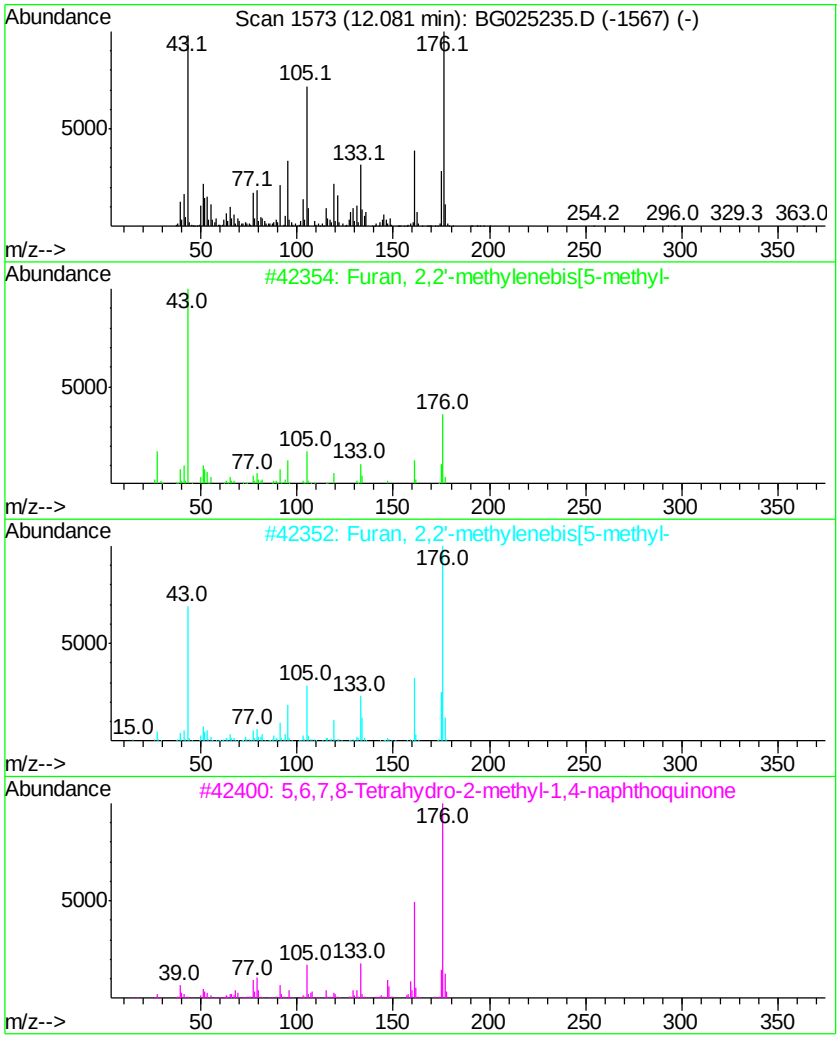
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

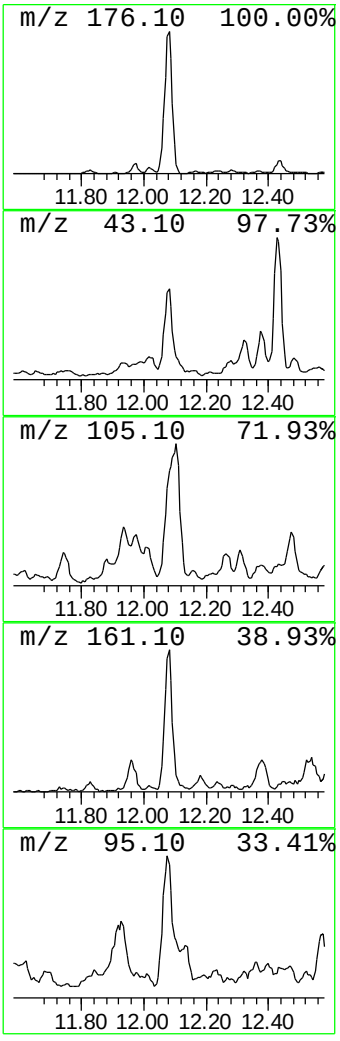
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Furan, 2,2'-methylenebis[5-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	25.74 ng/ul	5230860	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	93
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	87
3	5,6,7,8-Tetrahydro-2-methyl-1,4-...	176	C11H12O2	000058-26-4	68
4	4,2,7-Ethanylylidenecyclopenta[b...	176	C11H12O2	070220-97-2	55
5	1H-Indene, 5,6-dimethoxy-	176	C11H12O2	040243-67-2	47





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Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

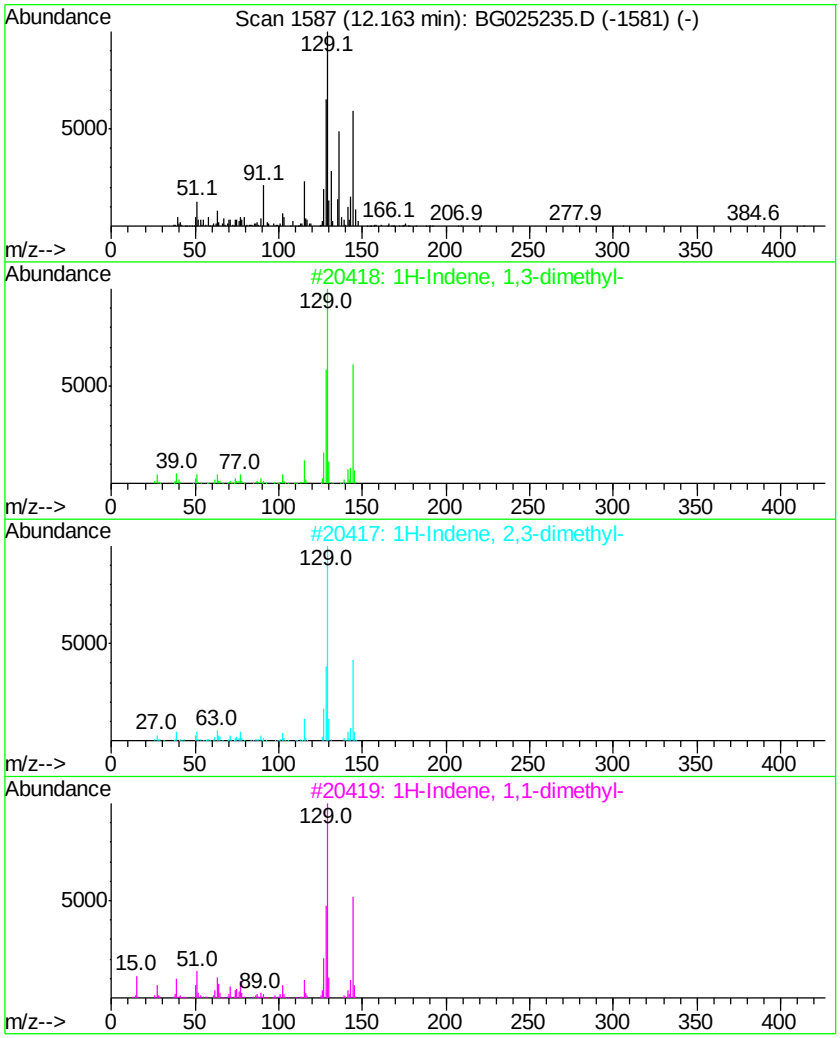
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

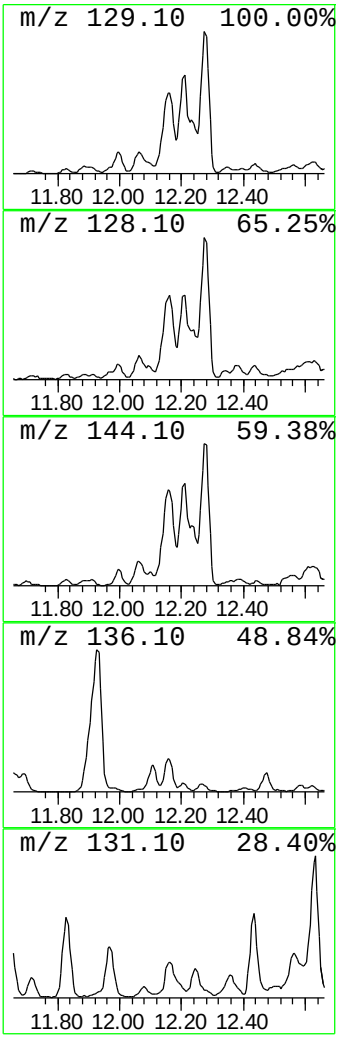
****

Peak Number 24 1H-Indene, 1,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	29.69 ng/ul	6034020	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	89
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	70
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	64





Library Search Compound Report

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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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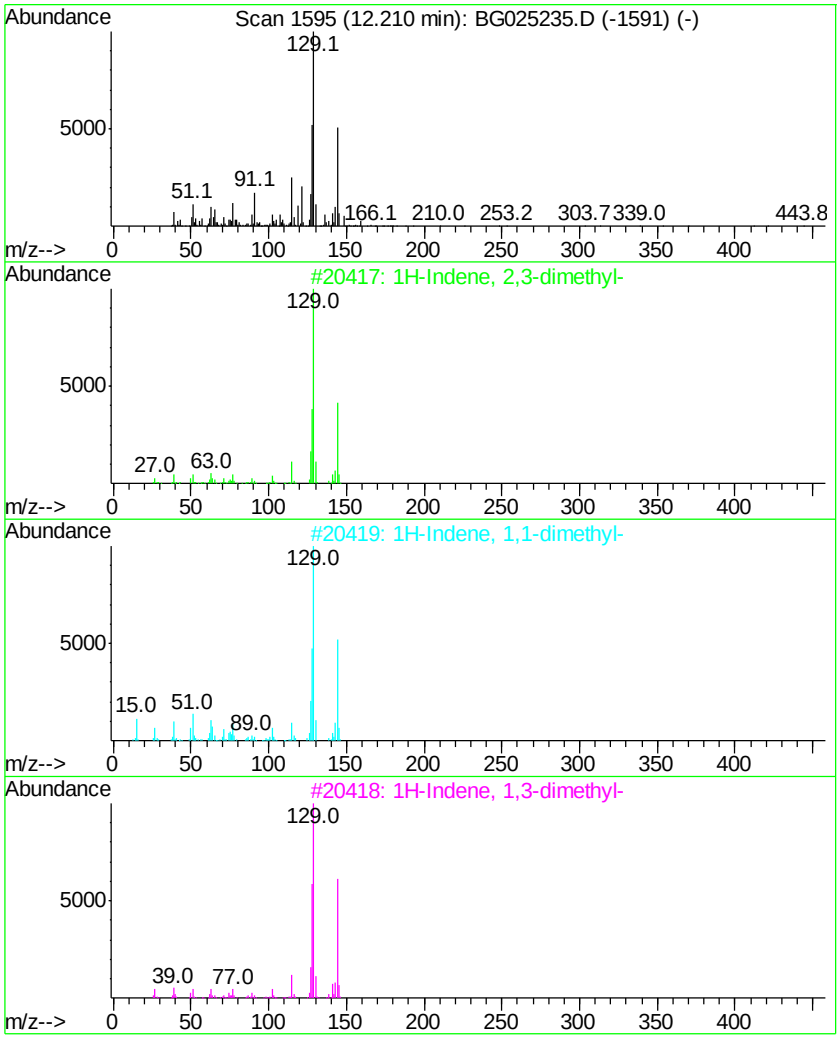
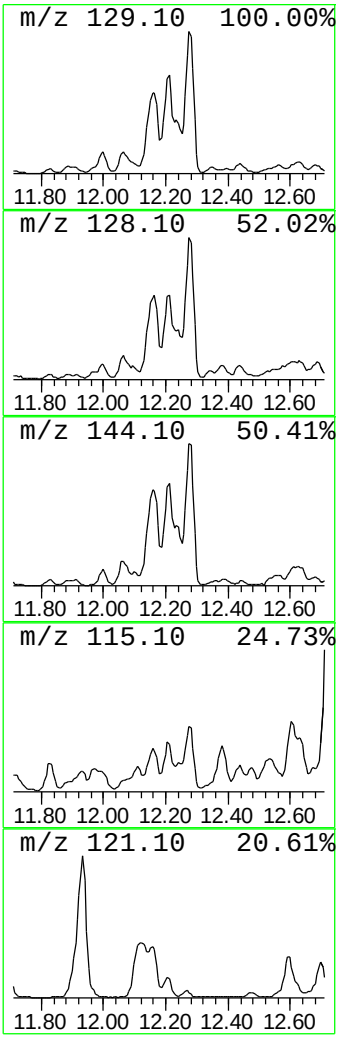
Peak Number 25 1H-Indene, 2,3-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	17.33 ng/ul	3521240	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	95
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	94
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	93
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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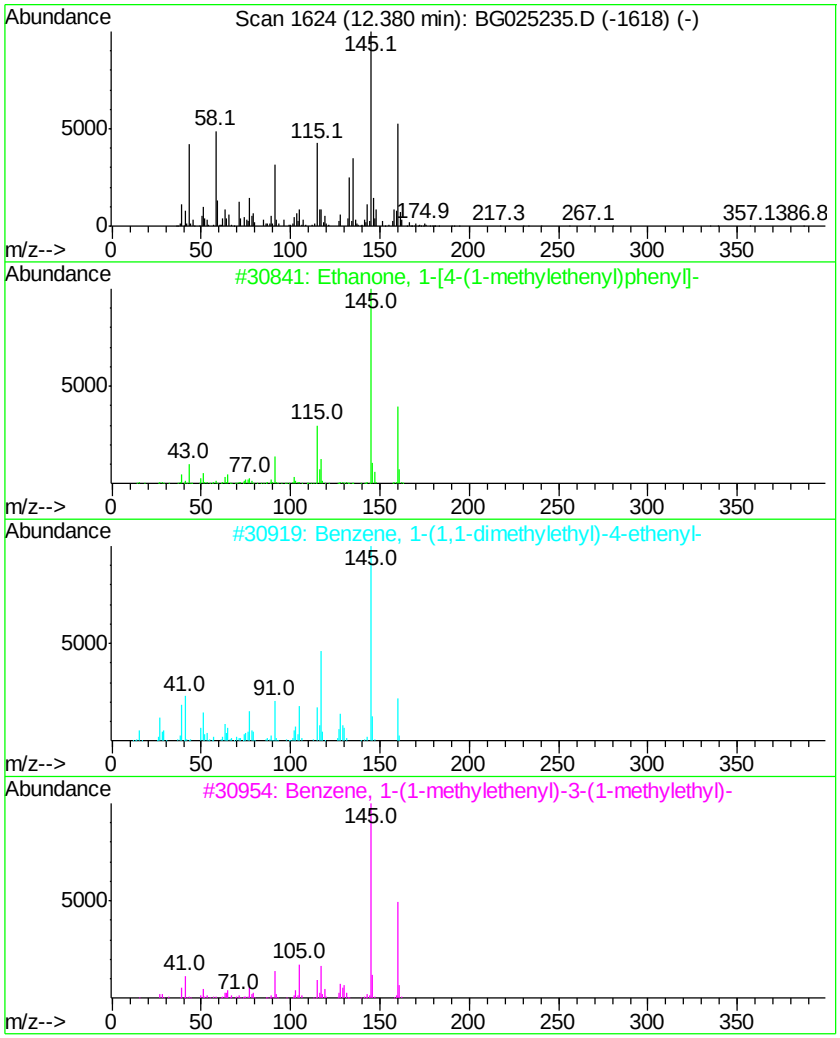
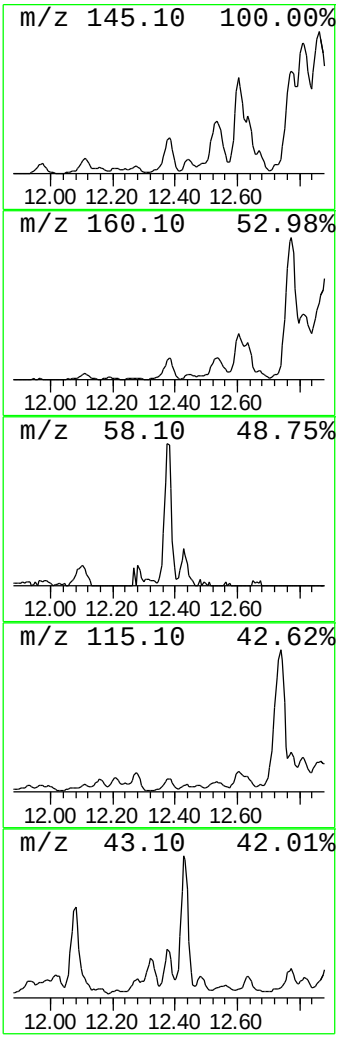
Peak Number 27 unknown-05 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	19.11 ng/ul	3883600	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	49
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	45
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	43
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	41
5	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	38





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

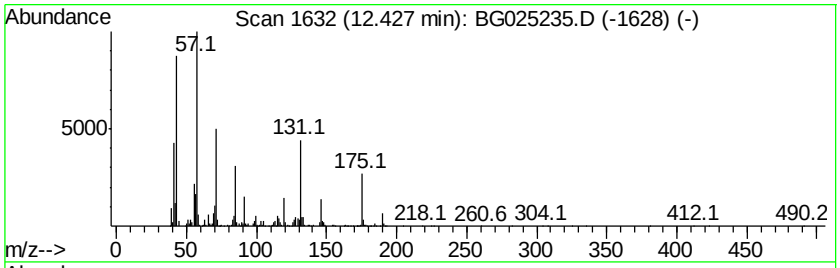
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

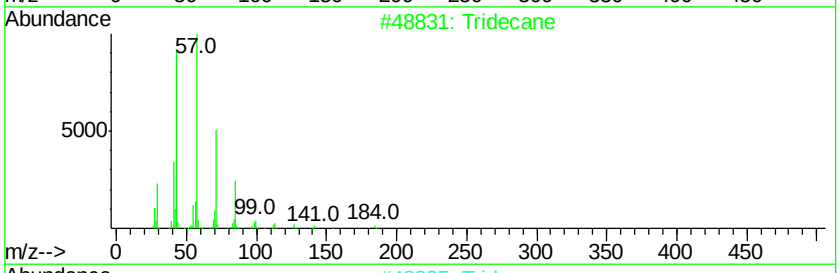
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

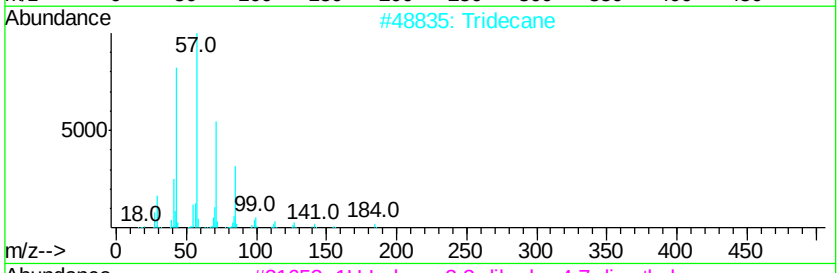
****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 29

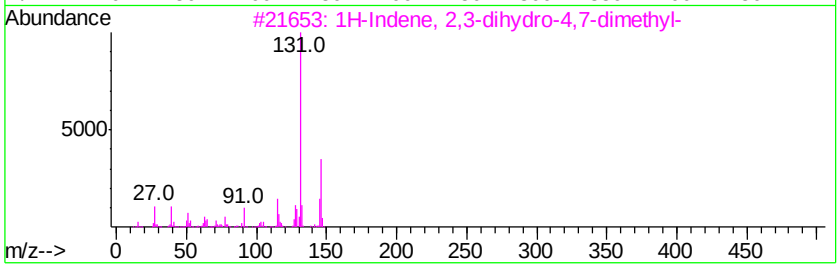
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	31.72 ng/ul	6446550	Naphthalene-d8	11.08

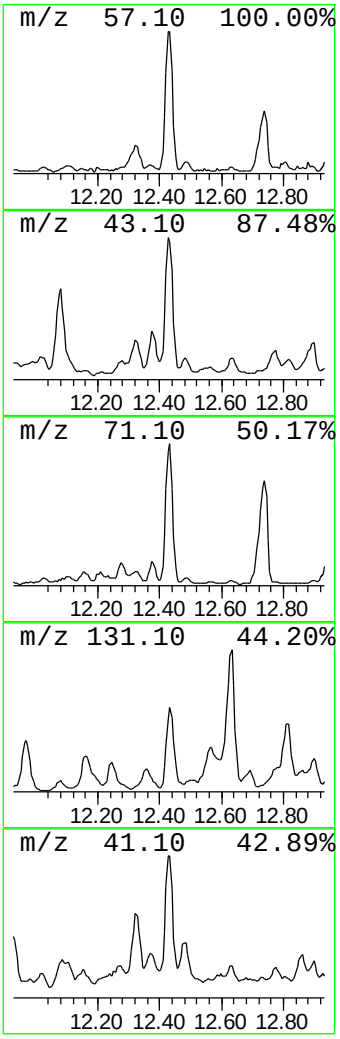
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane	184	C13H28	000629-50-5	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35











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Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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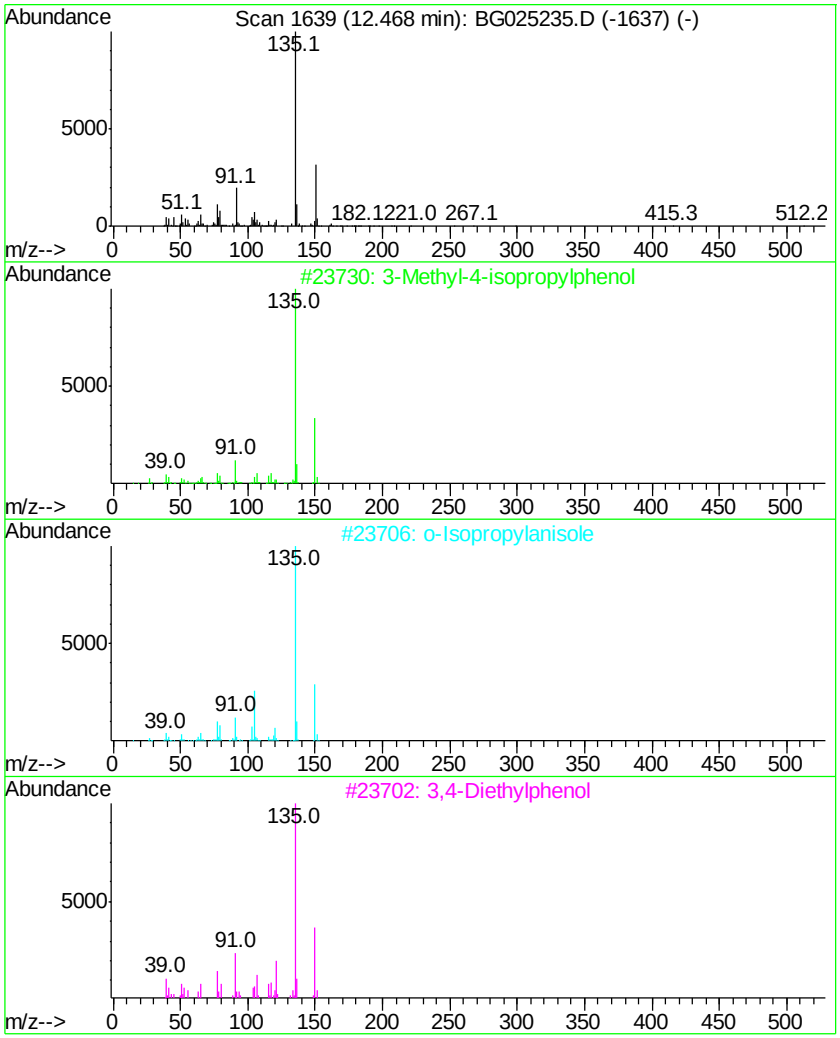
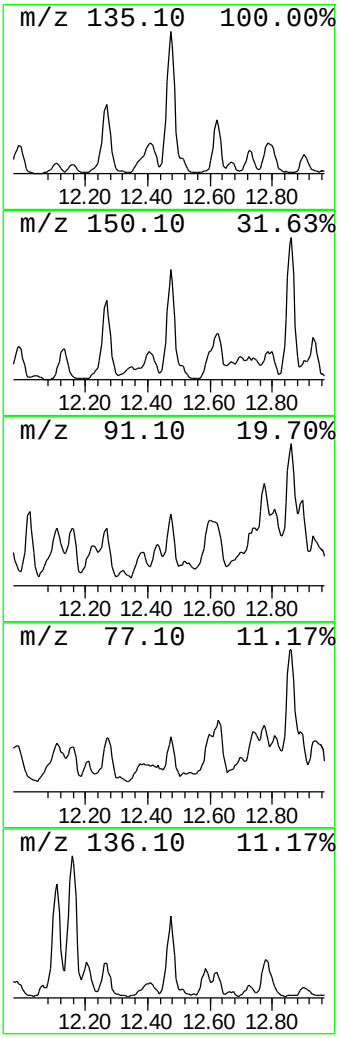
Peak Number 29 3-Methyl-4-isopropylphenol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	23.73 ng/ul	4822950	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	83
2	o-Isopropylanisole	150	C10H14O	002944-47-0	80
3	3,4-Diethylphenol	150	C10H14O	000875-85-4	80
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	74
5	Thymol	150	C10H14O	000089-83-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

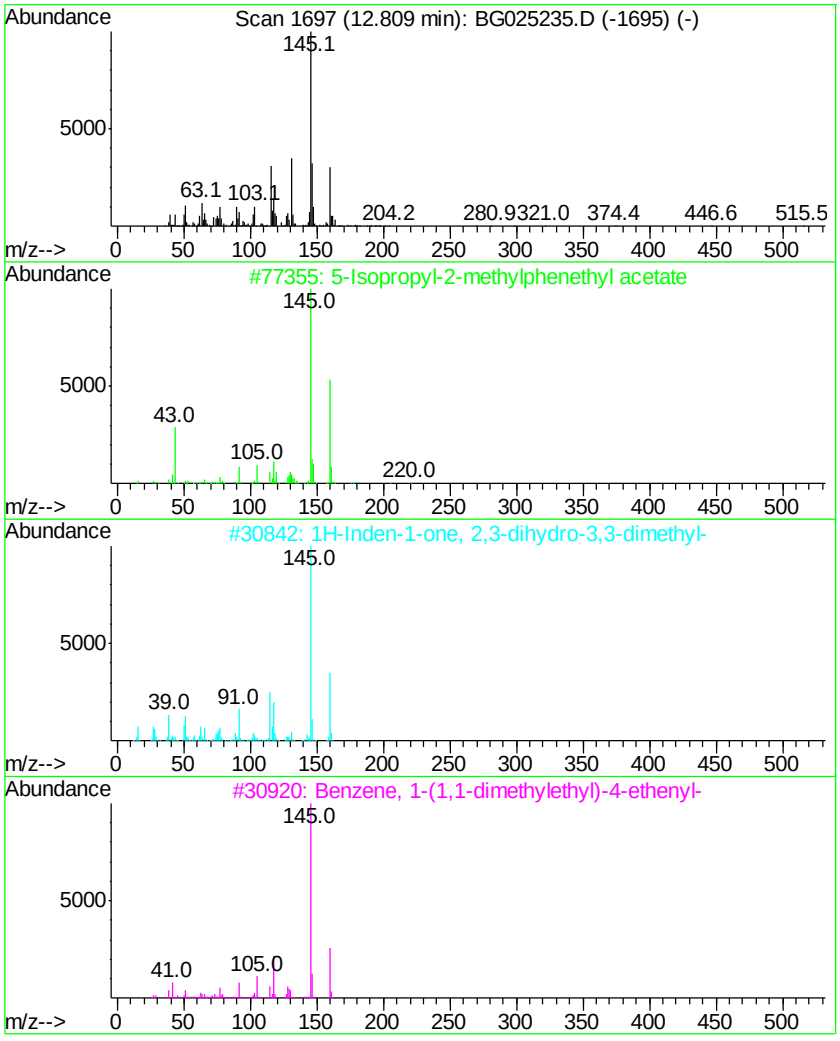
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

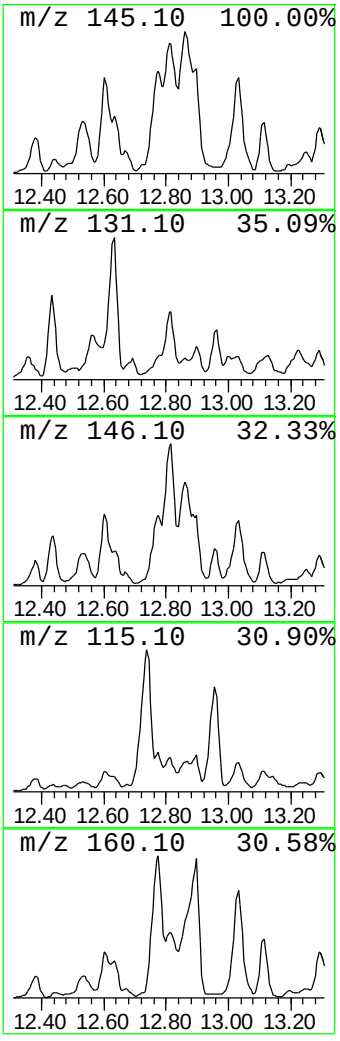
****

Peak Number 31 5-Isopropyl-2-methylpheneth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	31.08 ng/ul	6316000	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Isopropyl-2-methylphenethyl ac...	220	C14H20O2	027913-43-5	50
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	49
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47
5	FENAZAQUIN	306	C20H22N2O	120928-09-8	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

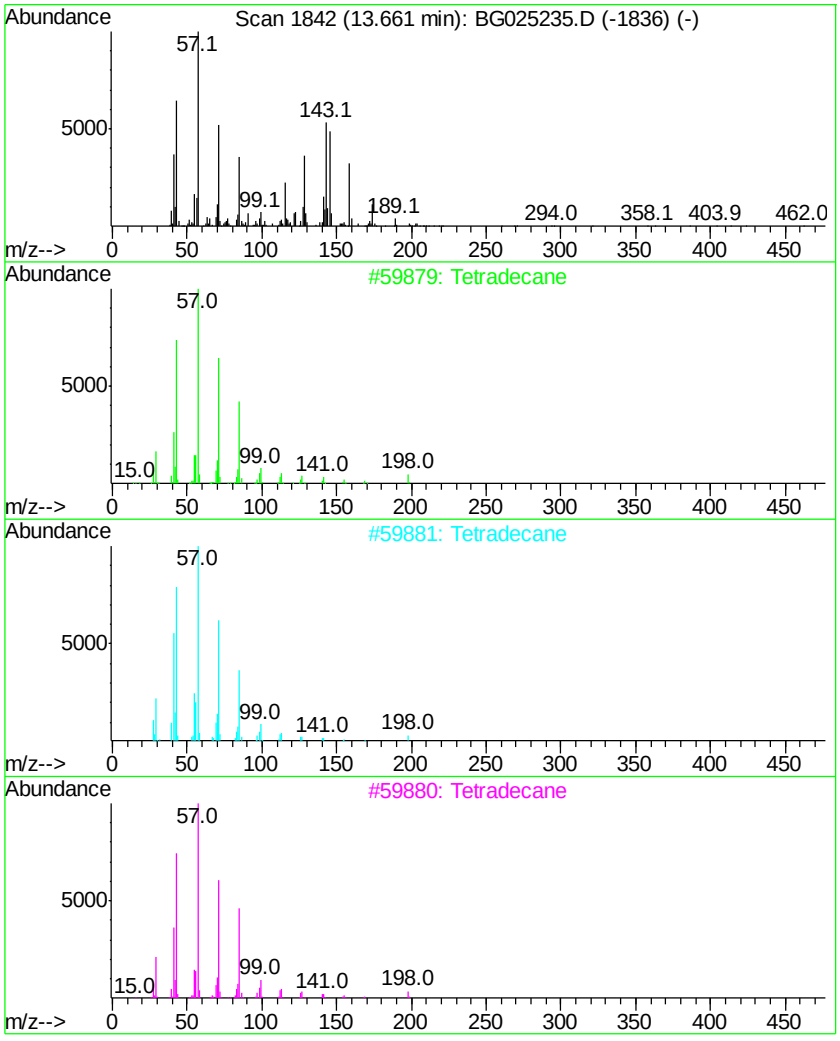
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

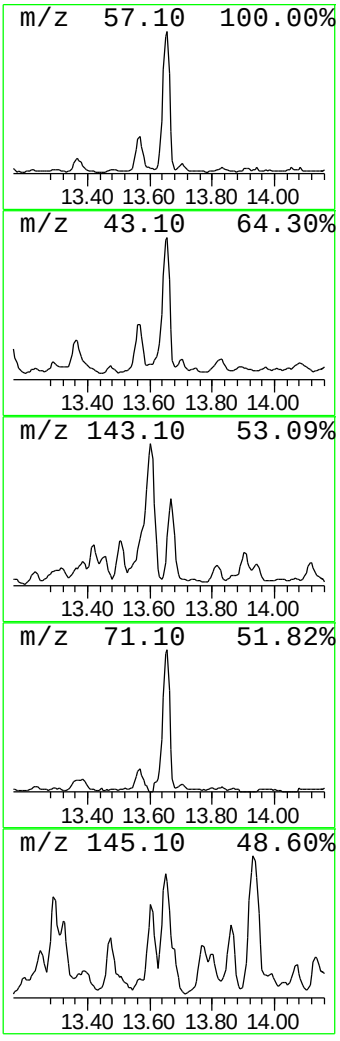
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	21.50 ng/ul	11862500	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Hexadecane	226	C16H34	000544-76-3	38
5	4-Octanone	128	C8H16O	000589-63-9	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

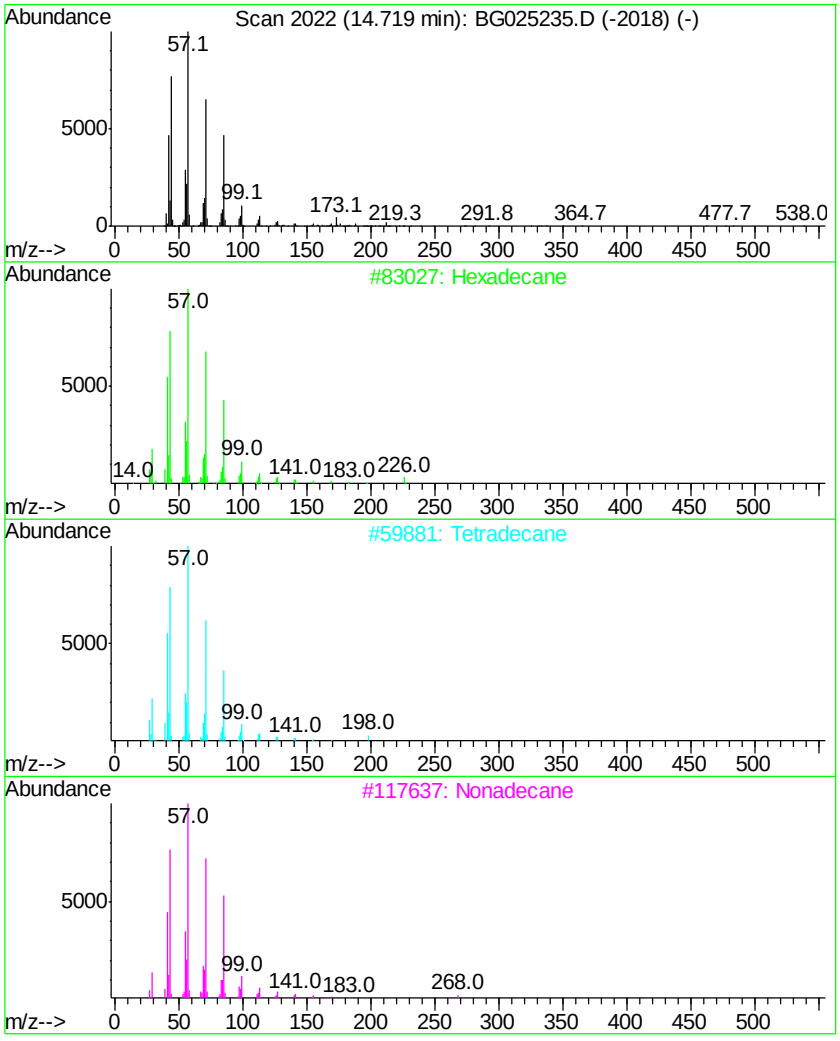
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

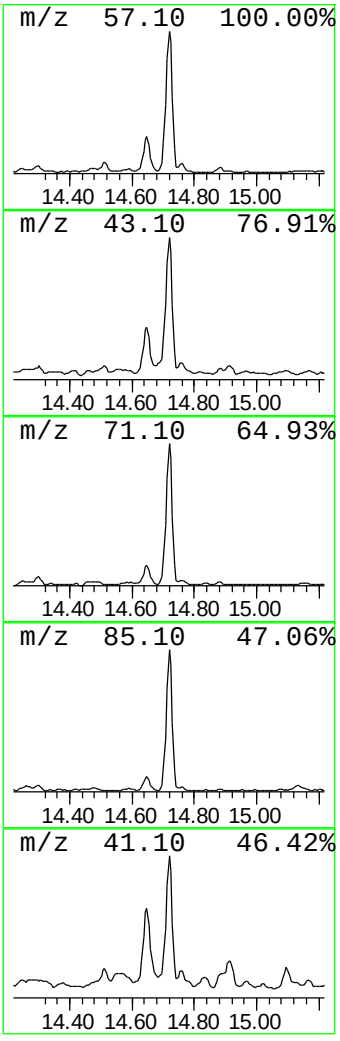
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	18.55 ng/ul	10236900	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

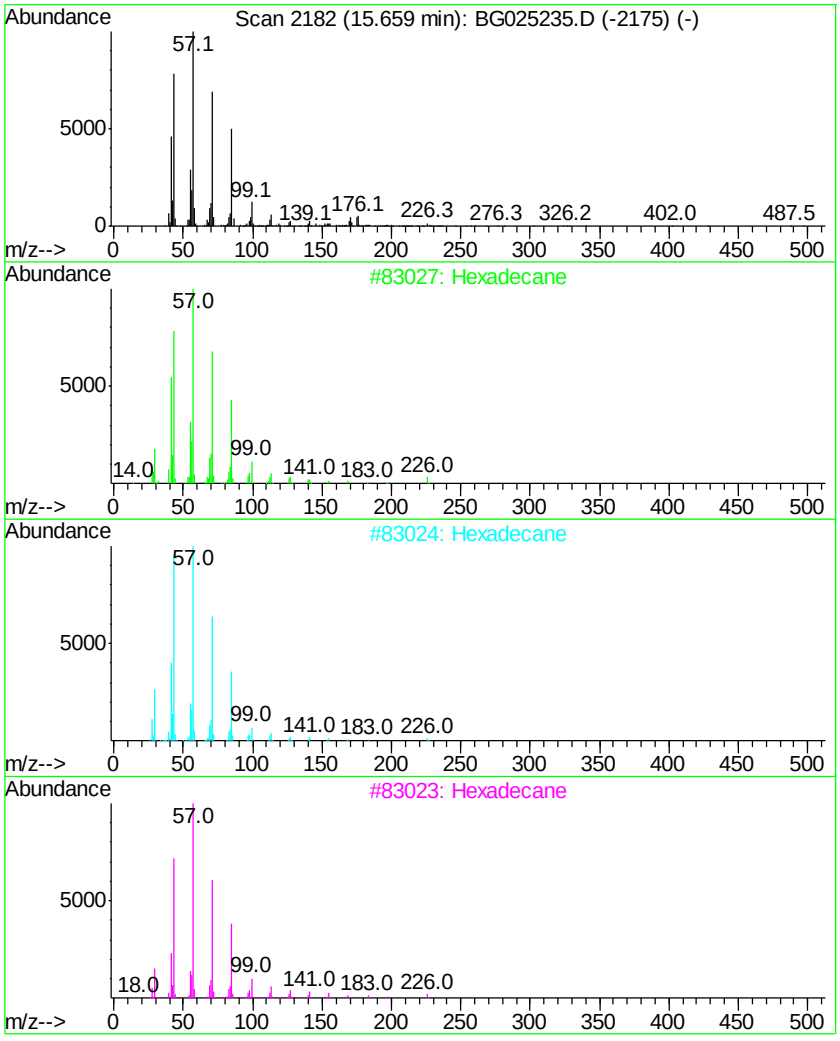
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

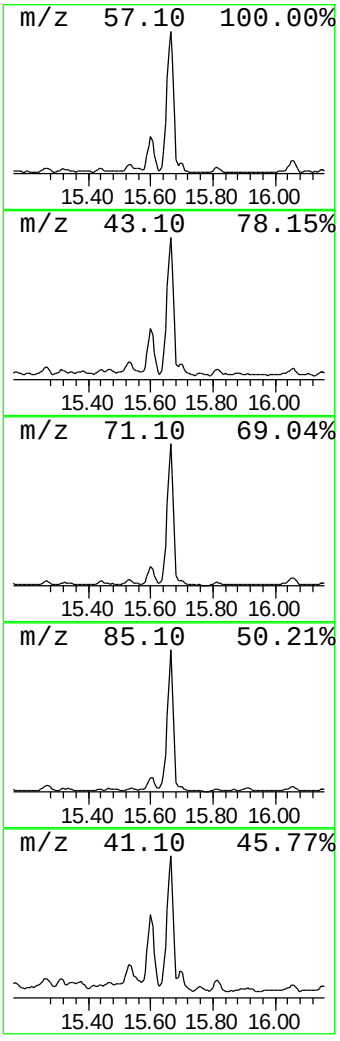
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	36.28 ng/ul	20014100	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

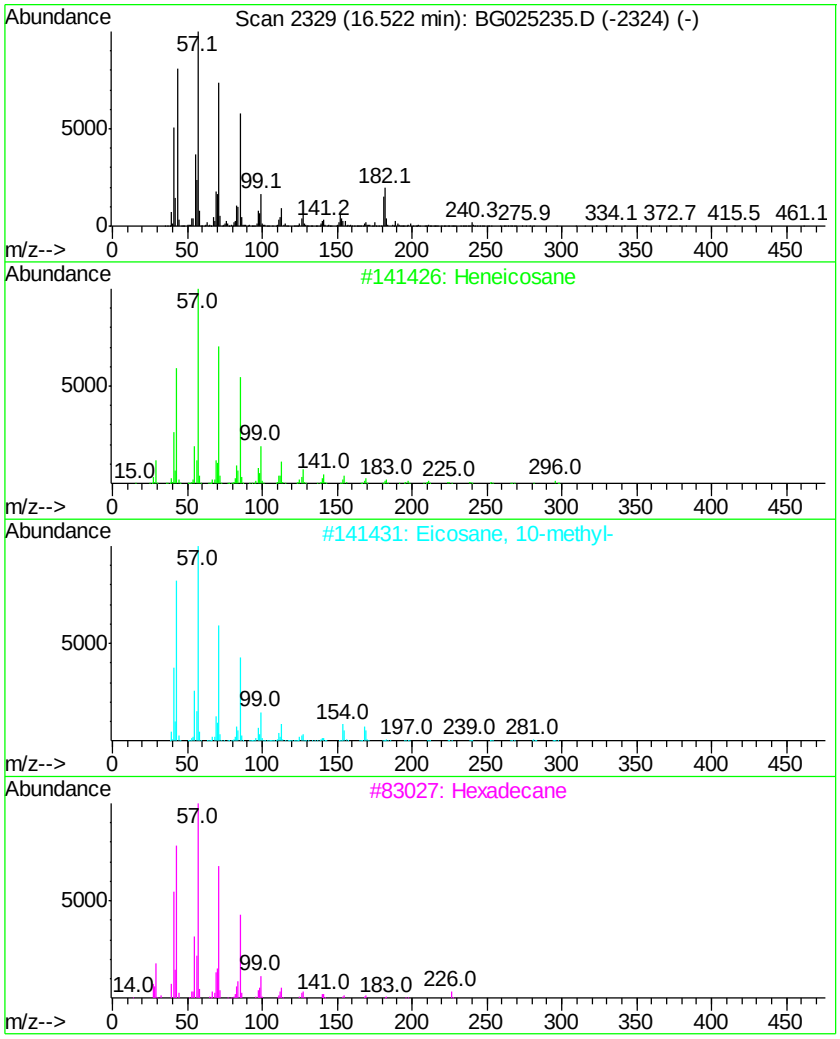
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

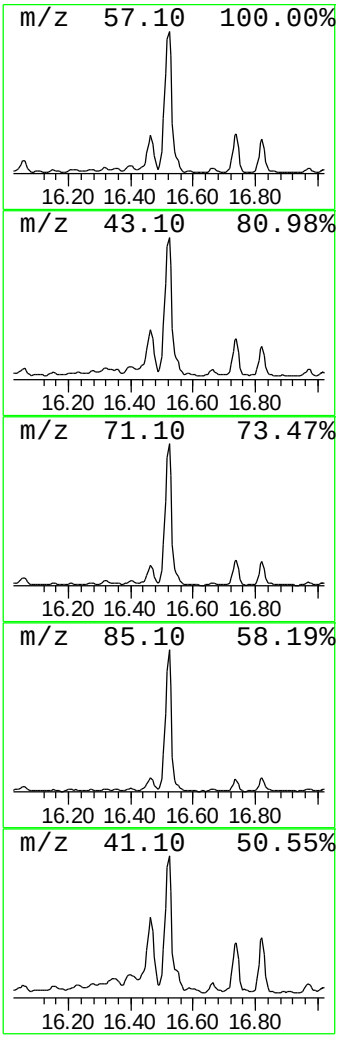
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	130.27 ng/ul	19458500	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

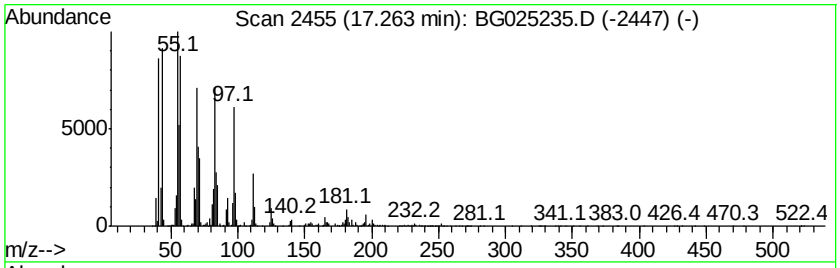
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

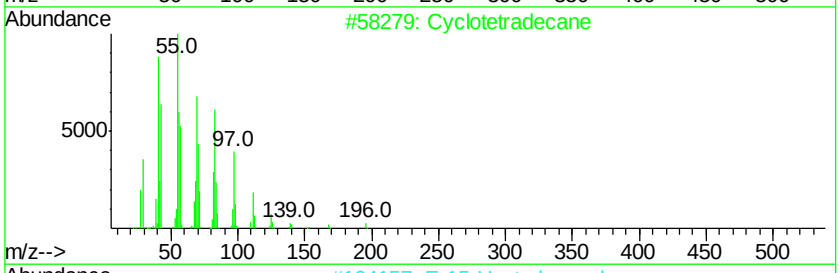
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

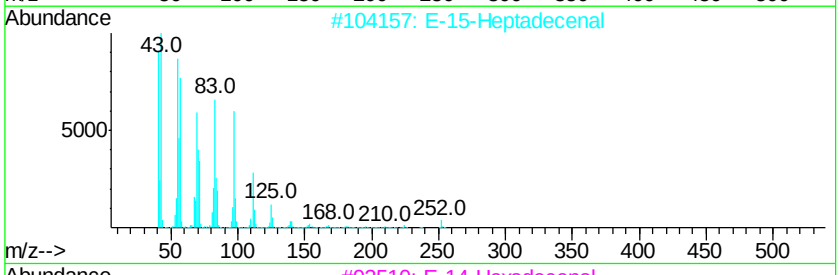
****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 17

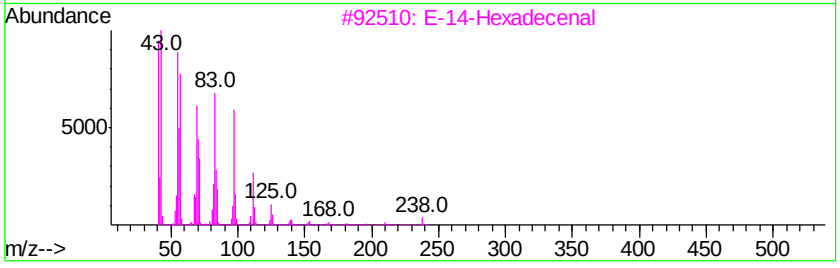
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	51.82 ng/ul	7739890	Phenanthrene-d10	17.62

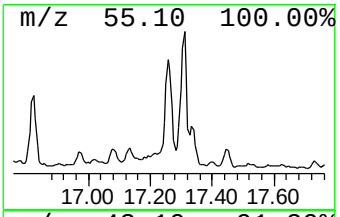
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
5	11-Tricosene	322	C23H46	052078-56-5	91

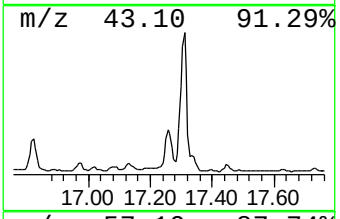


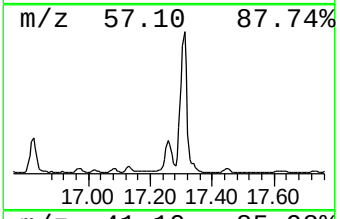


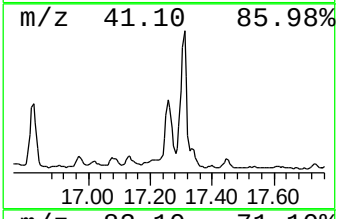


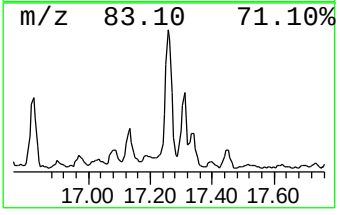












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025235.D
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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

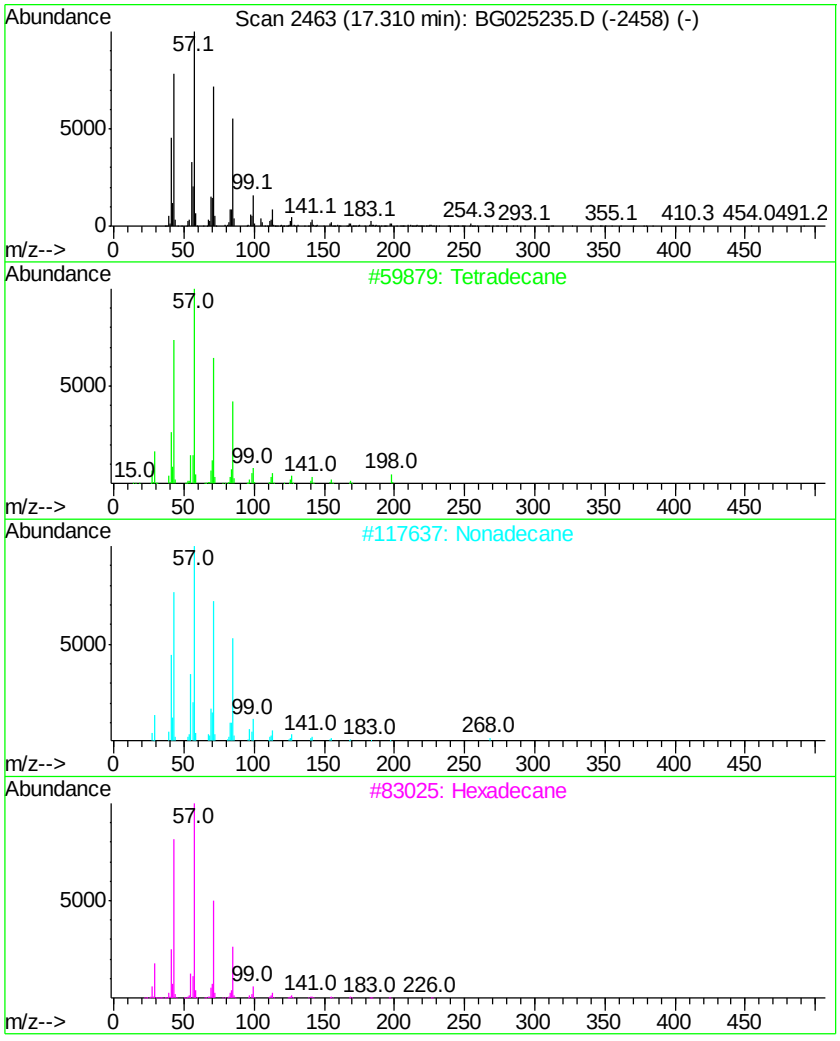
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

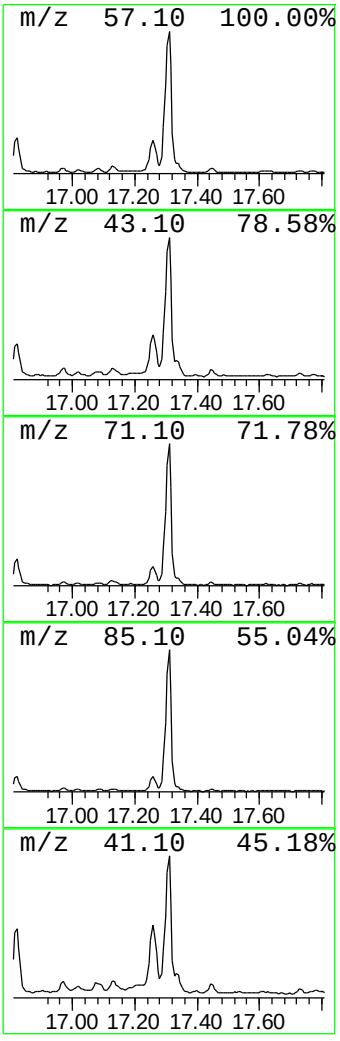
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	122.85 ng/ul	18349700	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

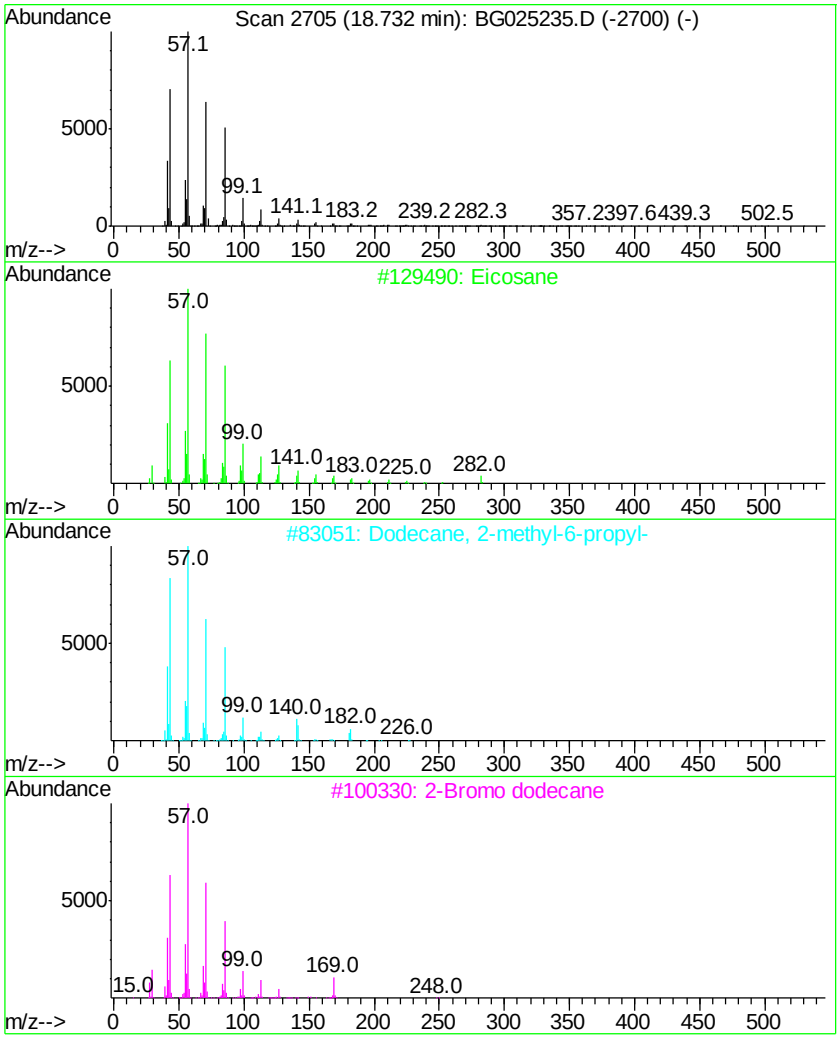
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

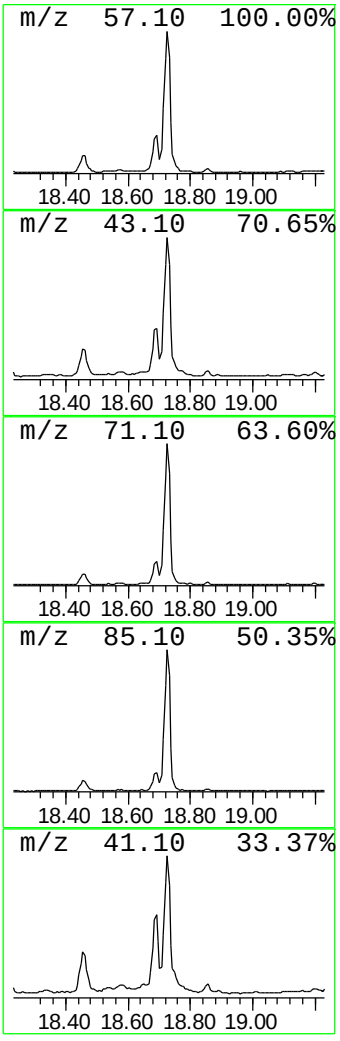
****

Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	80.53 ng/ul	12027800	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexacosane	366	C26H54	000630-01-3	72





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Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

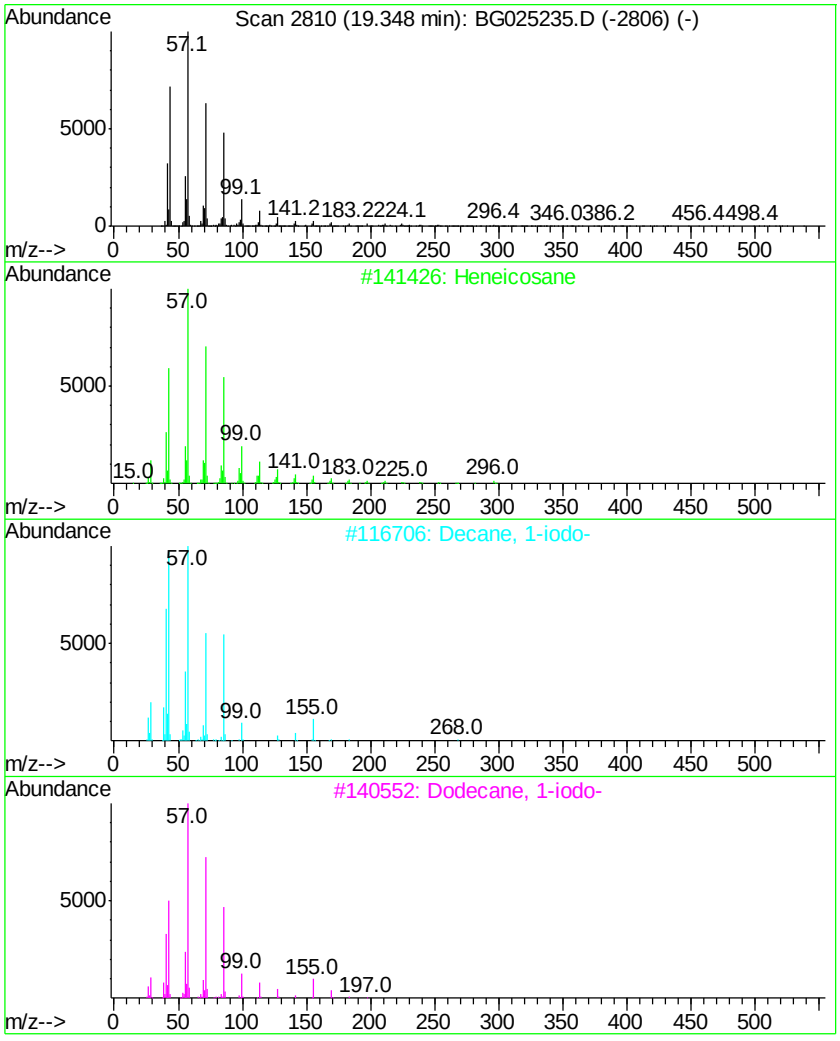
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

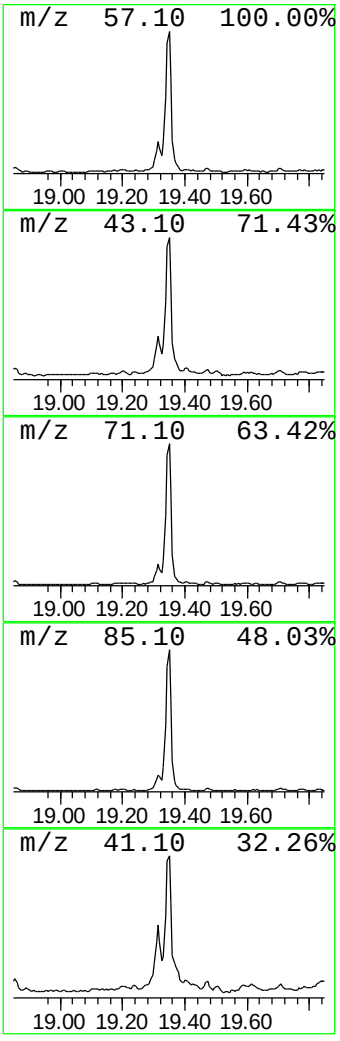
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	56.56 ng/ul	8448410	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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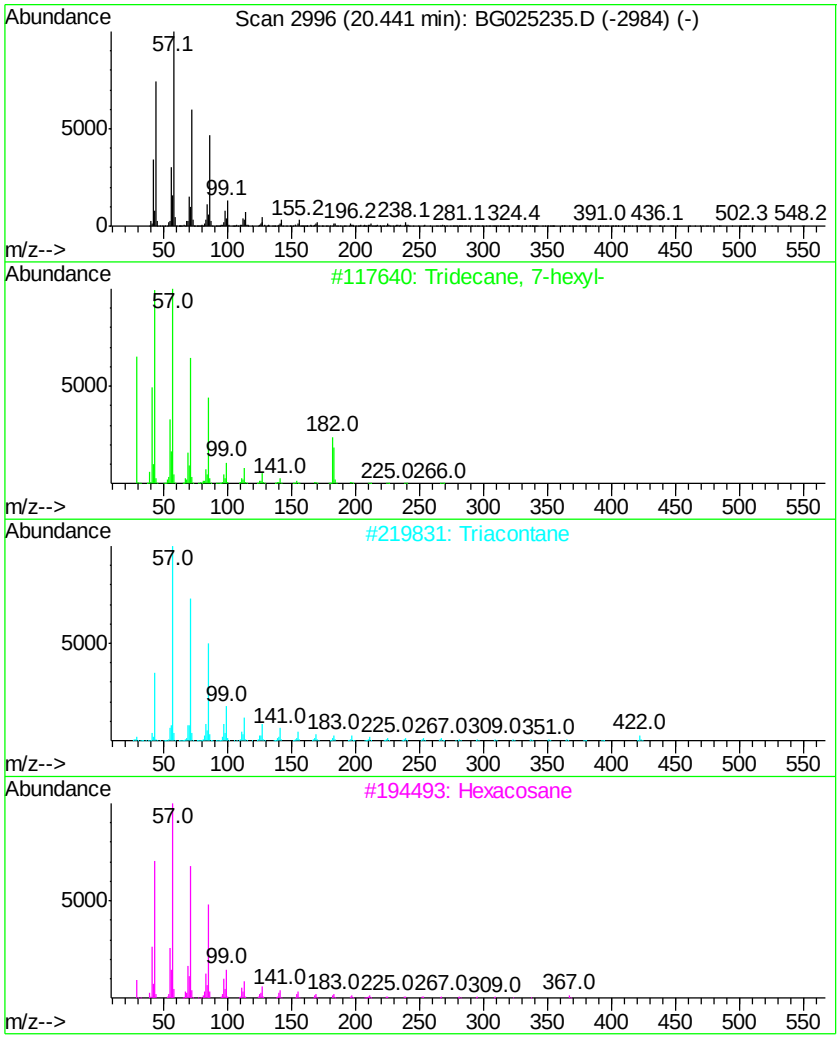
Quant Title : SVOA CALIBRATION

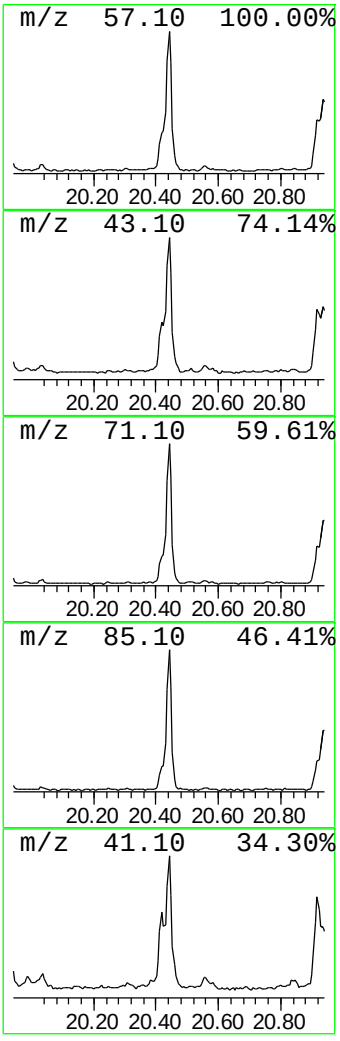
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 79 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	24.91 ng/ul	8276280	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2	Triacontane	422	C30H62	000638-68-6	95
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

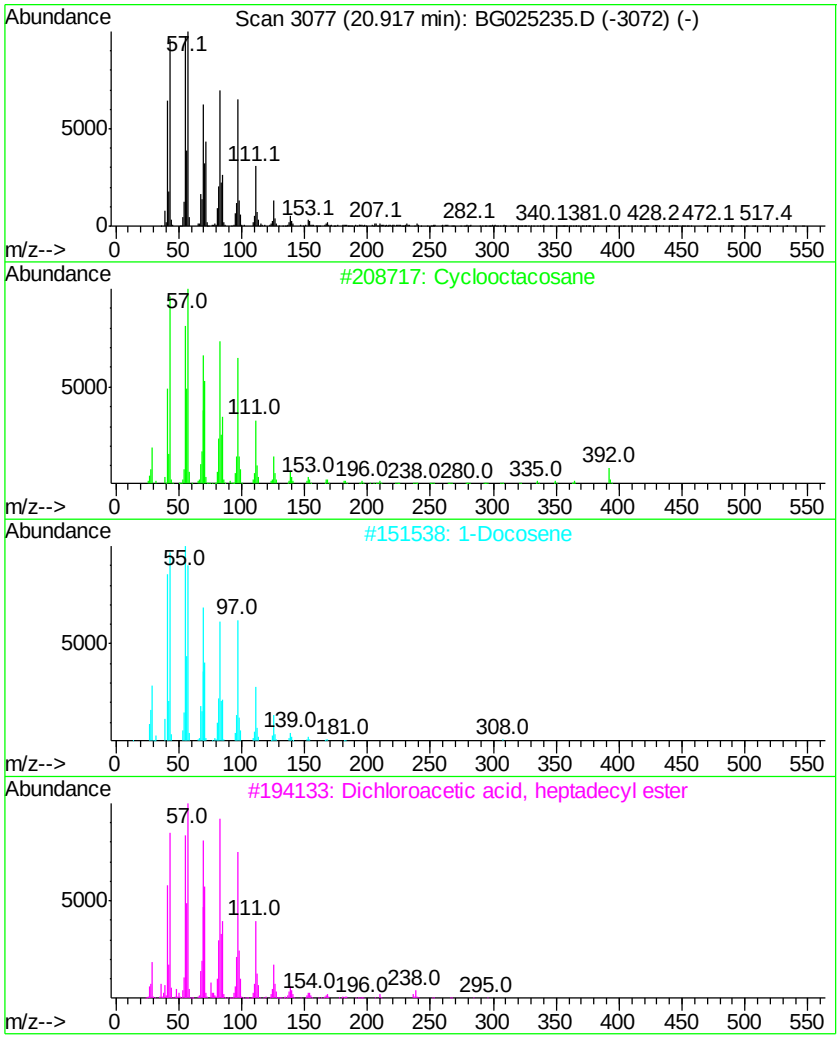
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

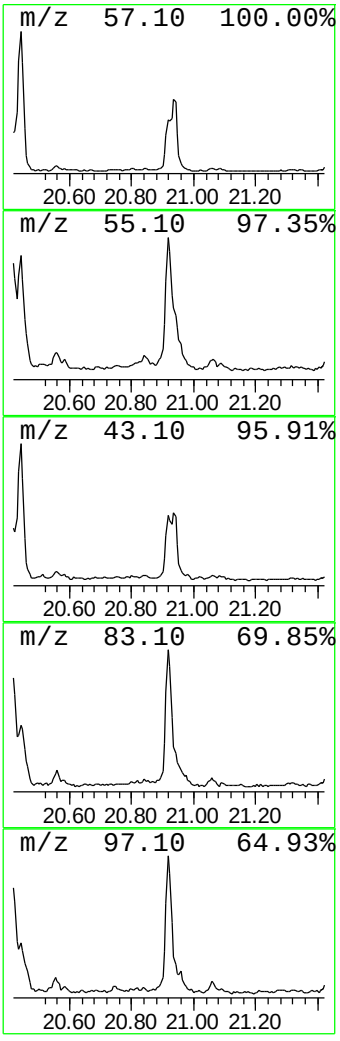
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	20.00 ng/ul	6644780	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	1-Tricosene	322	C23H46	018835-32-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025235.D
Acq On : 16 Dec 2016 6:25
Operator : UM/SJ
Sample : H5938-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA825

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.87	20.0	ng/ul	4048830	1	8.24	4048830	20.0
Benzene, (2-methy...	8.87	15.5	ng/ul	3139310	1	8.24	4048830	20.0
unknown-01	9.21	18.2	ng/ul	3683340	1	8.24	4048830	20.0
unknown-02	9.31	19.9	ng/ul	4025870	1	8.24	4048830	20.0
Benzofuran, 7-met...	9.60	15.9	ng/ul	3220830	1	8.24	4048830	20.0
Benzofuran, 2-met...	9.79	57.9	ng/ul	11770000	2	11.08	4064400	20.0
2-Methylindene	10.47	41.0	ng/ul	8342860	2	11.08	4064400	20.0
Phenol, 3-ethyl-	10.52	39.1	ng/ul	7946460	2	11.08	4064400	20.0
1H-Indene, 1-methyl-	10.56	31.0	ng/ul	6295640	2	11.08	4064400	20.0
unknown-03	10.90	27.0	ng/ul	5490350	2	11.08	4064400	20.0
(DEL) Alkane: Str...	10.99	23.6	ng/ul	4787330	2	11.08	4064400	20.0
2-Propenal, 2-met...	11.31	92.4	ng/ul	18779500	2	11.08	4064400	20.0
1,5-Dihydroxy-1,2...	11.44	74.8	ng/ul	15204800	2	11.08	4064400	20.0
Cinnoline, 1,2-di...	11.49	119.3	ng/ul	24250400	2	11.08	4064400	20.0
3-Buten-2-one, 4-...	11.55	32.9	ng/ul	6682610	2	11.08	4064400	20.0
Phenol, 2-ethyl-5...	11.62	21.2	ng/ul	4317310	2	11.08	4064400	20.0
Phenol, 3-ethyl-5...	11.69	27.9	ng/ul	5659460	2	11.08	4064400	20.0
2-Propenal, 3-(4-...	11.83	15.6	ng/ul	3161000	2	11.08	4064400	20.0
unknown-04	11.93	141.6	ng/ul	28773000	2	11.08	4064400	20.0
Furan, 2,2'-methy...	12.08	25.7	ng/ul	5230860	2	11.08	4064400	20.0
1H-Indene, 1,3-di...	12.16	29.7	ng/ul	6034020	2	11.08	4064400	20.0
1H-Indene, 2,3-di...	12.21	17.3	ng/ul	3521240	2	11.08	4064400	20.0
unknown-05	12.38	19.1	ng/ul	3883600	2	11.08	4064400	20.0
(DEL) Alkane: Str...	12.43	31.7	ng/ul	6446550	2	11.08	4064400	20.0
3-Methyl-4-isopro...	12.47	23.7	ng/ul	4822950	2	11.08	4064400	20.0
5-Isopropyl-2-met...	12.81	31.1	ng/ul	6316000	2	11.08	4064400	20.0
(DEL) Alkane: Str...	13.66	21.5	ng/ul	11862500	3	14.88	11034600	20.0
(DEL) Alkane: Str...	14.72	18.6	ng/ul	10236900	3	14.88	11034600	20.0
(DEL) Alkane: Str...	15.66	36.3	ng/ul	20014100	3	14.88	11034600	20.0
(DEL) Alkane: Str...	16.52	130.3	ng/ul	19458500	4	17.62	2987310	20.0
(DEL) Alkane: Str...	17.26	51.8	ng/ul	7739890	4	17.62	2987310	20.0
(DEL) Alkane: Str...	17.31	122.8	ng/ul	18349700	4	17.62	2987310	20.0
(DEL) Alkane: Str...	18.73	80.5	ng/ul	12027800	4	17.62	2987310	20.0
(DEL) Alkane: Str...	19.35	56.6	ng/ul	8448410	4	17.62	2987310	20.0
(DEL) Alkane: Str...	20.44	24.9	ng/ul	8276280	5	21.90	6644780	20.0
(DEL) Alkane: Str...	20.92	20.0	ng/ul	6644780	5	21.90	6644780	20.0